



VALVE CONNECTORS

• GENERAL FEATURES:

Cable Gland :

PG7 : Ø CABLE 3.5-6mm.

PG9 : Ø CABLE 4-8mm.

PG11 : Ø CABLE 6.5-9.5mm.

1/2" NPTF : -

SK : Ø CABLE 4-8.6mm.

Conductor cross section :

0.50(20AWG)...1.50mm²(16AWG).

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :

G1-G4-M1-M2-P2 series: Max. 0.5 N * m.

P1 series: Max. 0.4 N * m.

Type of terminations :

Screw(with protection plate).

Contact material and treatment :

Brass + Silver plated.

Max. contact screw torque IEC60947-1 :

G1-G4-M1-M2 series: Max. 0.5 N * m.

P1-P2 series: Max. 0.4 N * m.

Housing material :

PA66.

Internal core material :

PA66.

Flammability resistance :

UL94-V2 - Standard.

UL94-V0 - UL approved (upon request).

Protection class :

IP 65 / 67 (assembled).

Operating temperature :

-40°C +90°C with NBR gasket.

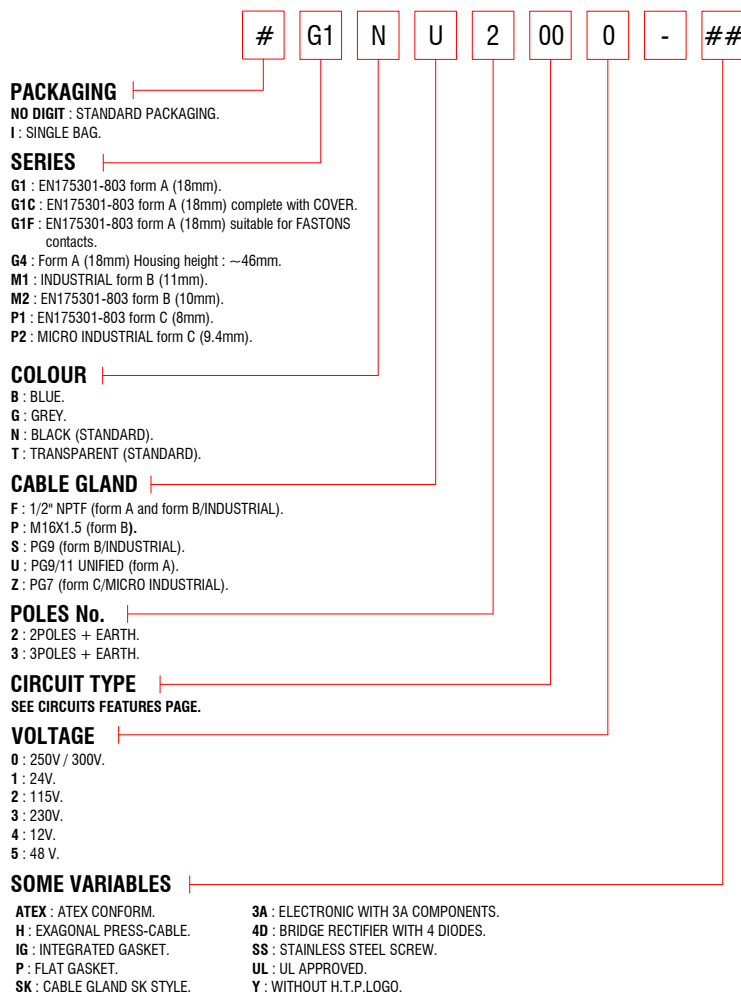
-40°C +125°C with Silicone gasket.

Nominal current :

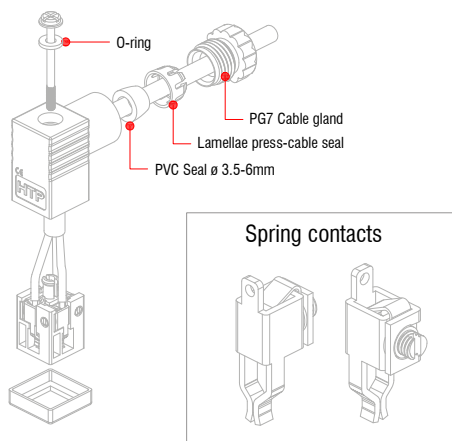
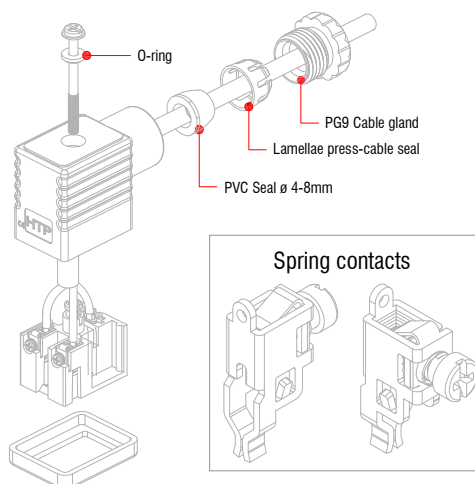
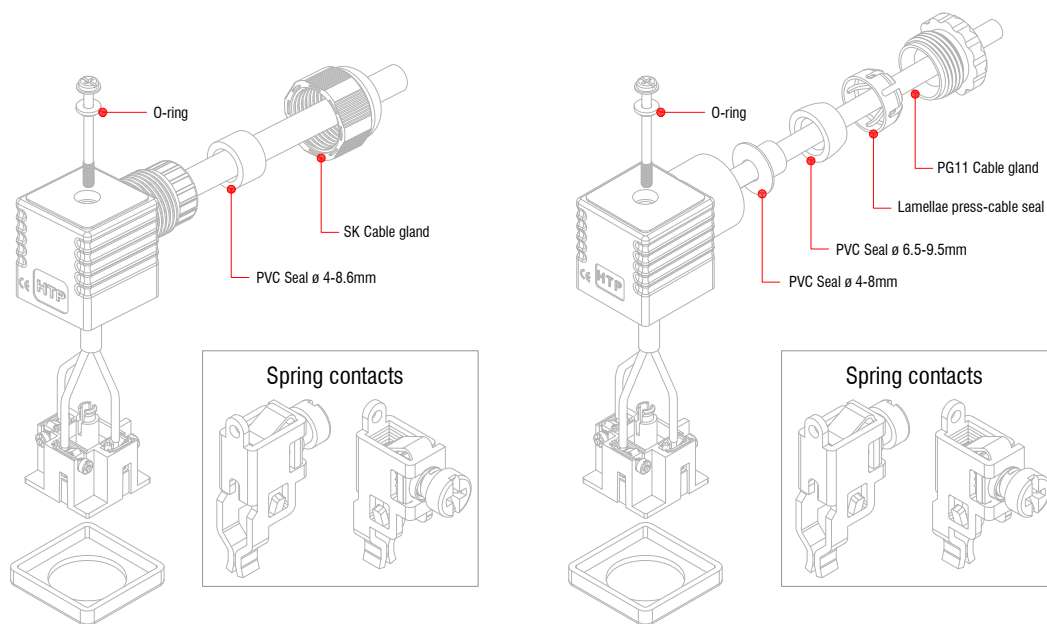
10A (P1-P2 series: 6A).

Max contact current :

16A (P1-P2 series: 10A).



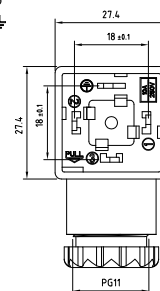
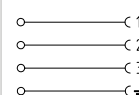
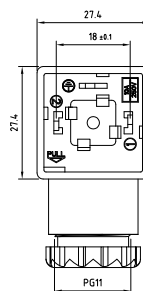
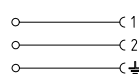
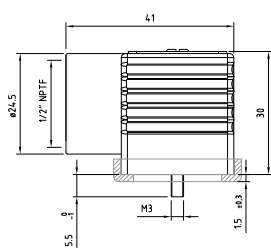
VALVE CONNECTORS





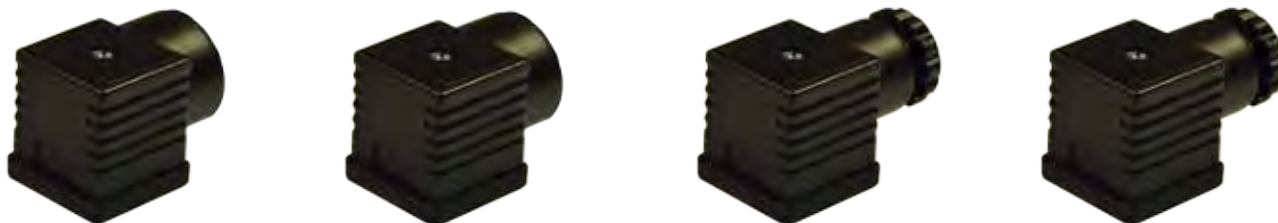
Technical drawing of a cylindrical component with the following dimensions and features:

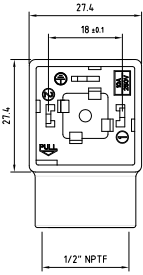
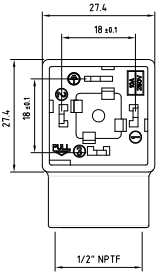
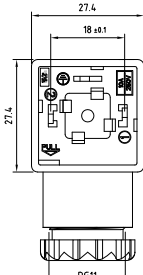
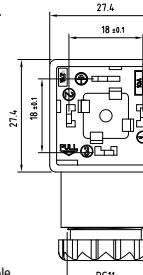
- Overall diameter: $\varnothing 100$
- Overall height: 30
- Overall length: 41
- Flange diameter: $\varnothing 118$
- Flange thickness: 6
- Threaded section: M3
- Threaded section length: 15
- Threaded section diameter: $\varnothing 3$
- Flange profile: P611
- Flange material: 5.5
- Flange material: 1



Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1NU2000	G1NU3000
Description	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG11	PG11
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:	Connector with Grey Housing: P/N G1GU2000	Connector with Grey Housing: P/N G1GU3000

VALVE CONNECTORS

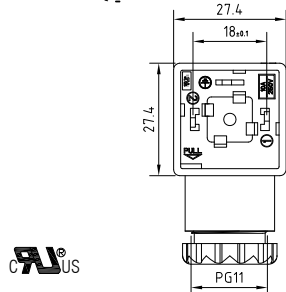
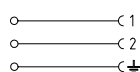
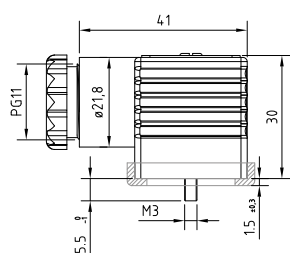
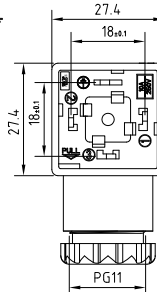
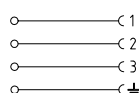
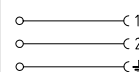


		 <p>Internalcore suitable for faston contacts</p>	 <p>Internalcore suitable for faston contacts</p>
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NF2000 Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	G1NF3000 Square connector G1 series complete with gasket and fixing screw. Connector without electronic.	G1FNU2000 Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.	G1FNU3000 Square connector G1F series, complete with gasket and fixing screw. Connector without electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
1/2" NPTF	1/2" NPTF	PG11	PG11
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm	Female Faston contacts 6.3 x 0.8mm
0.5 N*m	0.5 N*m	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
-	-	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:			
Connector with Grey Housing: P/N G1GF2000 Connector without press-cable screw	Connector with Grey Housing: P/N G1GF3000 Connector without press-cable screw	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8	Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8

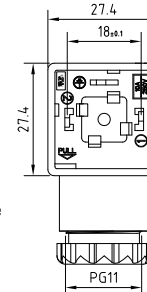
VALVE CONNECTORS



Technical drawing

Internalcore suitable
for faston contacts



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1NU2000-UL	G1NU3000-UL	G1FNU2000-UL
Description	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square connector G1F series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black
Housing height	30mm	30mm	30mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Female Faston contacts 6.3 x 0.8mm
Contact screw torque	0.5 N*m	0.5 N*m	-
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Suitable cable	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

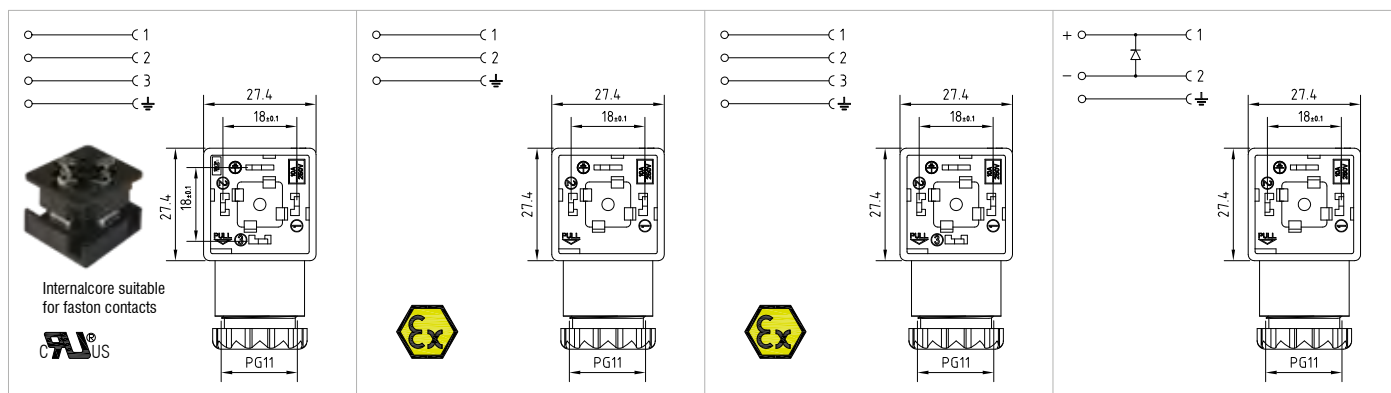
Notes:

Connector available with different circuits

Connector available with different circuits

Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8

VALVE CONNECTORS



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1FNU3000-UL Square connector G1F series, ULapproved, complete with gasket and fixing screw. Connector without electronic.	G1NU2000-ATEX Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	G1NU3000-ATEX Square connector G1 series,ATEX conform, complete with gasket and fixing screw. Connector without electronic.	G1NU2D03 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Black
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket

Technical data

Female Faston contacts 6.3 x 0.8mm	Screw contacts	Screw contacts	Screw contacts
-	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	50pcs / box
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Other accessories options

See accessories section			
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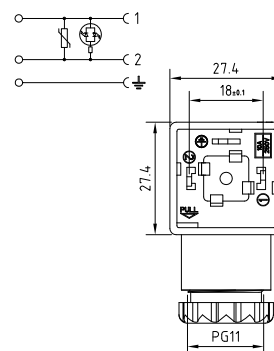
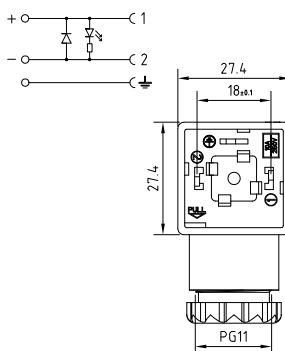
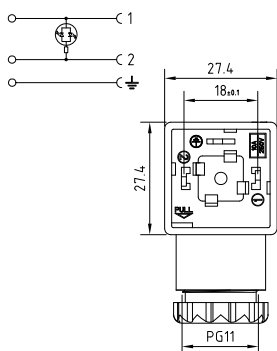
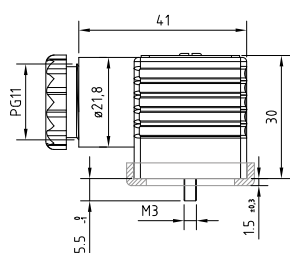
Notes:

Connector without faston contacts, the contacts must be ordered separately in reel with P/N: X-FASTON-F-6,3X0,8			
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VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	G1TU2L01	G1TU2L02	G1TU2L03	G1TU2DL1	G1TU2DL2	G1TU2DL3	G1TU2VL1	G1TU2VL2	G1TU2VL3
Description	Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.			Square connector G1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent			Transparent		
Housing height	30mm			30mm			30mm		
Cable gland	PG9/PG11 unified			PG9/PG11 unified			PG9/PG11 unified		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Suitable cable	Ø cable 4-8mm or Ø cable 6.5-9.5mm			Ø cable 4-8mm or Ø cable 6.5-9.5mm			Ø cable 4-8mm or Ø cable 6.5-9.5mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		

Packaging

Qty/Box	50pcs / box			50pcs / box			50pcs / box		
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Other accessories options

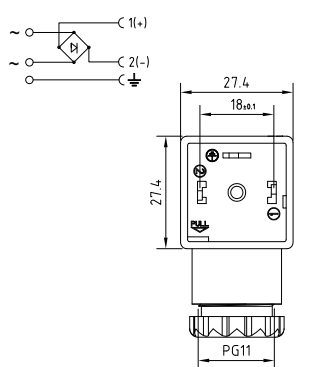
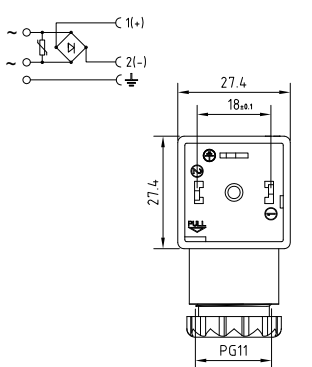
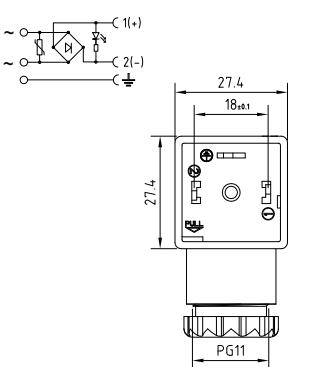
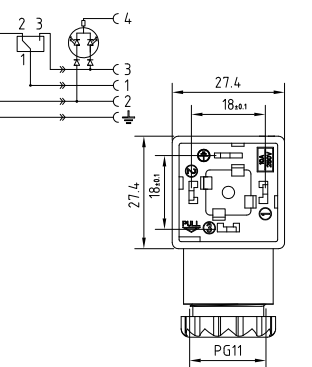
See accessories section

Notes:

Connector available with different led colour

VALVE CONNECTORS

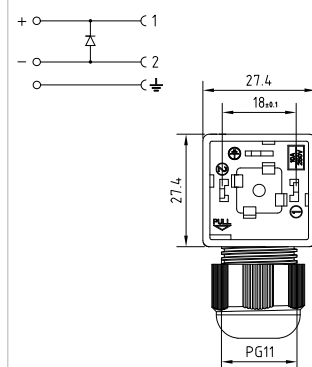
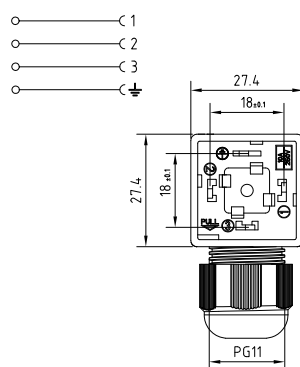
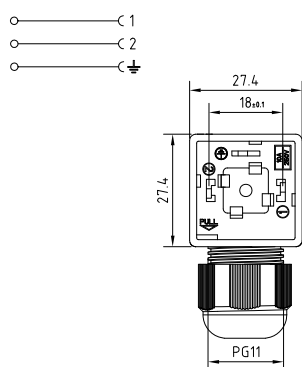
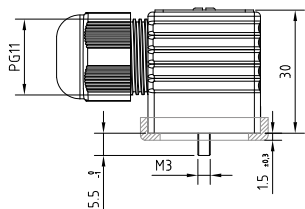


			
Product description			
DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
G1NU2R03 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	G1NU2RV1 G1NU2RV2 G1NU2RV3 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	G1TU2RL1 G1TU2RL2 G1TU2RL3 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.	G1TU3Q01 G1TU3Q02 G1TU3Q03 Square connector G1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	3poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Transparent	Transparent
30mm	30mm	30mm	30mm
PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified	PG9/PG11 unified
Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
1-230V AC	24V AC 115V AC 230V AC	24V AC 115V AC 230V AC	24V DC 115V DC 230V DC
Full-Wave Bridge Rectifier (1A)	Full-Wave Bridge Rectifier + Varistor	Full-Wave Bridge Rectifier + Varistor + Led	Bicolour Led + no.2 Diodes (1A)
-	-	Red	Red (pin 2) ; Green (pin3)
ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm	ø cable 4-8mm or ø cable 6.5-9.5mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
50pcs / box	50pcs / box	50pcs / box	50pcs / box
Other accessories options			
See accessories section			
Notes:		Connector available with different led colour	Connector available with different led connection: Q8 circuit (Green pin 2; Red pin 3) Q1 circuit (Yellow pin 2; Green pin 3)

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1NU2000-SK	G1NU3000-SK	G1NU2D03-SK
Description	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector without electronic.	Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black	Black
Housing height	30mm	30mm	30mm
Cable gland	SK- PG11	SK- PG11	SK- PG11
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Suitable cable	Ø cable 4-8.6mm	Ø cable 4-8.6mm	Ø cable 4-8.6mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

Qty/Box	50pcs / box	50pcs / box	50pcs / box
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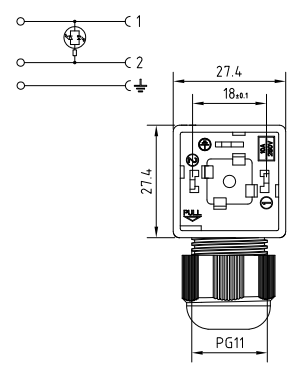
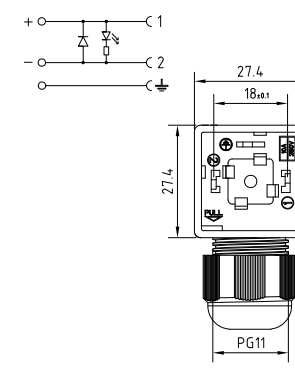
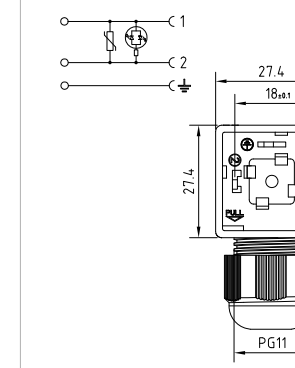
Other accessories options

See accessories section

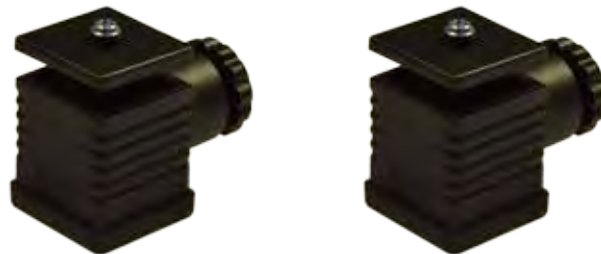
Notes:

VALVE CONNECTORS

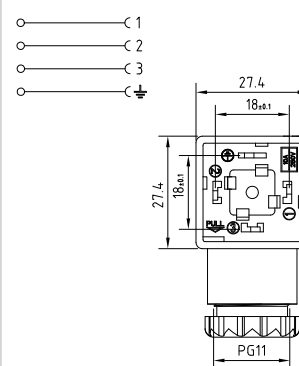
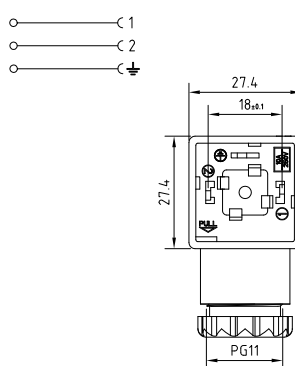
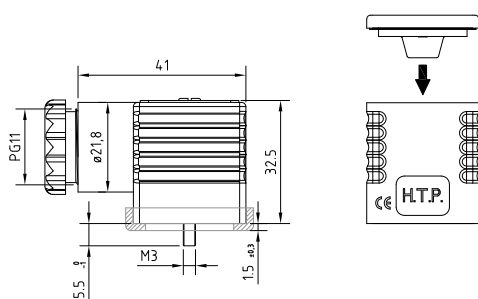


											
Product description											
DIN valve connectors				DIN valve connectors				DIN valve connectors			
EN175301-803				EN175301-803				EN175301-803			
A				A				A			
G1TU2L01-SK G1TU2L02-SK G1TU2L03-SK				G1TU2DL1-SK G1TU2DL2-SK G1TU2DL3-SK				G1TU2VL1-SK G1TU2VL2-SK G1TU2VL3-SK			
Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.				Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.				Square connector G1 series,SK cable exit, complete with gasket and fixing screw. Connector with electronic.			
18mm				18mm				18mm			
2poles + P.E.				2poles + P.E.				2poles + P.E.			
H.12 (turnable)				H.12 (turnable)				H.12 (turnable)			
Transparent				Transparent				Transparent			
30mm				30mm				30mm			
SK- PG11				SK- PG11				SK- PG11			
Profiled NBR gasket				Profiled NBR gasket				Profiled NBR gasket			
Technical data											
Screw contacts				Screw contacts				Screw contacts			
0.5 N*m				0.5 N*m				0.5 N*m			
24V AC/DC	115V AC/DC	230V AC/DC		24V DC	115V DC	230V DC		24V AC/DC	115V AC/DC	230V AC/DC	
Bipolar Led				Led + Diode(1A)				Bipolar Led + Varistor			
Red				Red				Red			
ø cable 4-8.6mm				ø cable 4-8.6mm				ø cable 4-8.6mm			
M3 L=32.5mm				M3 L=32.5mm				M3 L=32.5mm			
Iron+Zinc plated				Iron+Zinc plated				Iron+Zinc plated			
0.5 N*m				0.5 N*m				0.5 N*m			
Packaging											
50pcs / box				50pcs / box				50pcs / box			
Other accessories options											
See accessories section											
Notes:											
Connector available with different led colour											

VALVE CONNECTORS



Technical drawing



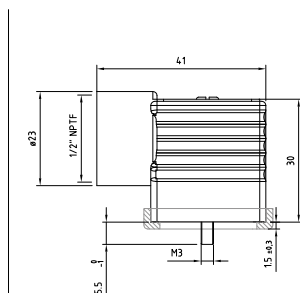
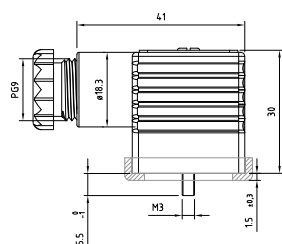
Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	G1CNU2000	G1CNU3000
Description	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.	Square connector G1C series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	32.5mm	32.5mm
Cable gland	PG9/PG11 unified	PG9/PG11 unified
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250 AC/ 300V DC	250 AC/ 300V DC
Circuit type	-	-
Led colour	-	-
Suitable cable	Ø cable 4-8mm or Ø cable 6.5-9.5mm	Ø cable 4-8mm or Ø cable 6.5-9.5mm
Central fixing screw	M3 L=35.4mm	M3 L=35.4mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs in box	50pcs in box
Other accessories options		
See accessories section		
Notes:		
	Connector available with different circuits.	Connector available with different circuits.

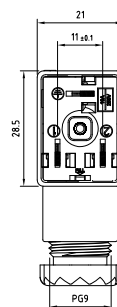
VALVE CONNECTORS



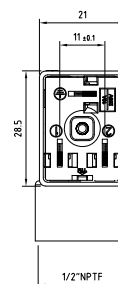
Technical drawing



- — C 1
- — C 2
- — C ⚡



- — C 1
- — C 2
- — C ⚡

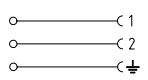
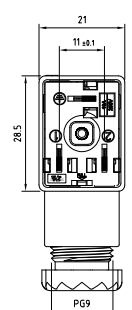

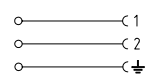
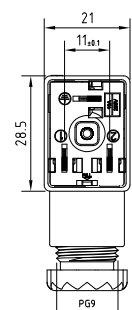

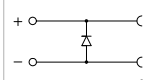
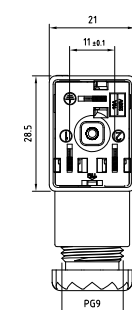
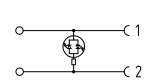
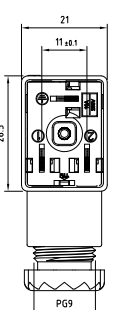


Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	M1NS2000	M1NF2000
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M1 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG9	1/2" NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	Ø cable 4-8mm	-
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
	Connector with Grey Housing: P/N M1GS2000	Connector with Grey Housing: P/N M1GF2000 Connector without press-cable screw

VALVE CONNECTORS



  	  	 	 
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
B	B	B	B
M1NS2000-UL Rectangular connector M1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	M1NS2000-ATEX Rectangular connector M1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	M1NS2D03 Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	M1TS2L01 M1TS2L02 M1TS2L03 Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.
11mm	11mm	11mm	11mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly paked in plastic bag	50pcs / box	50pcs / box
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Other accessories options

See accessories section

Notes:

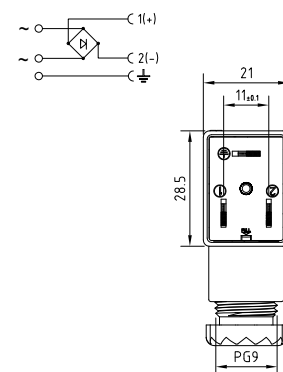
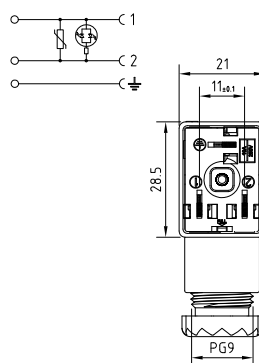
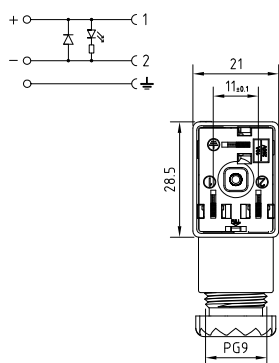
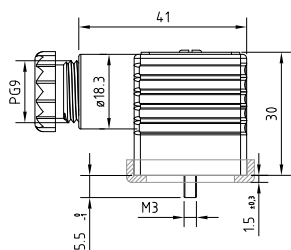
Connector available with different circuits.

Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	B			B			B		
Part number	M1TS2DL1	M1TS2DL2	M1TS2DL3	M1TS2VL1	M1TS2VL2	M1TS2VL3	M1NS2R03		
Description	Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm			11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent			Black		
Housing height	30mm			30mm			30mm		
Cable gland	PG9			PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	1-230V AC		
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier (1A)		
Led colour	Red			Red			-		
Suitable cable	ø cable 4-8mm			ø cable 4-8mm			ø cable 4-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		

Packaging

Qty/Box	50pcs / box			50pcs / box			50pcs / box		
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Other accessories options

See accessories section

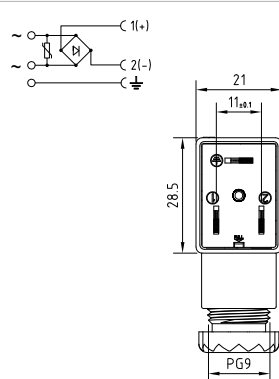
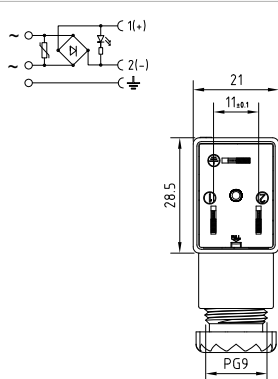
Notes:

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

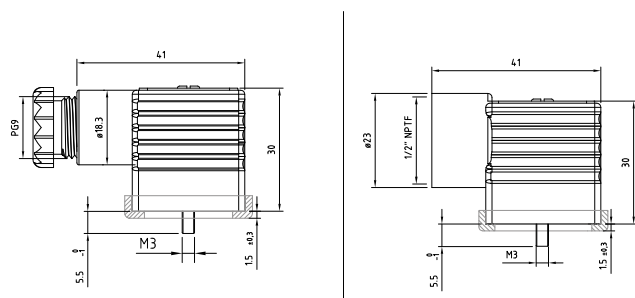


			
Product description			
DIN valve connectors		DIN valve connectors	
Industrial		Industrial	
B		B	
M1NS2RV1	M1NS2RV2	M1NS2RV3	M1TS2RL1 M1TS2RL2 M1TS2RL3
Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector M1 series complete with gasket and fixing screw. Connector with electronic.	
11mm		11mm	
2poles + P.E.		2poles + P.E.	
H.12 (turnable)		H.12 (turnable)	
Black		Transparent	
30mm		30mm	
PG9		PG9	
Profiled NBR gasket		Profiled NBR gasket	
Technical data			
Screw contacts		Screw contacts	
0.5 N*m		0.5 N*m	
24V AC	115V AC	230V AC	24V AC 115V AC 230V AC
Full-Wave Bridge Rectifier + Varistor		Full-Wave Bridge Rectifier + Varistor + Led	
-		Red	
ø cable 4-8mm		ø cable 4-8mm	
M3 L=32.5mm		M3 L=32.5mm	
Iron+Zinc plated		Iron+Zinc plated	
0.5 N*m		0.5 N*m	
Packaging			
50pcs / box		50pcs / box	
Other accessories options			
See accessories section			
Notes:		Connector available with different led colour	

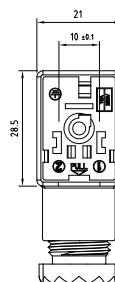
VALVE CONNECTORS



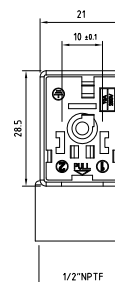
Technical drawing



- — C 1
- — C 2
- — C $\frac{1}{2}$



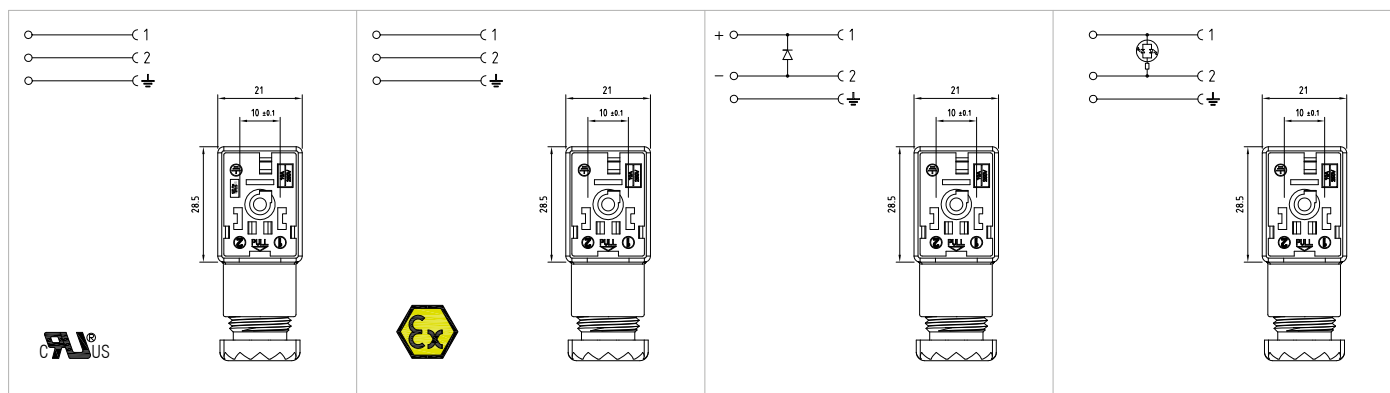
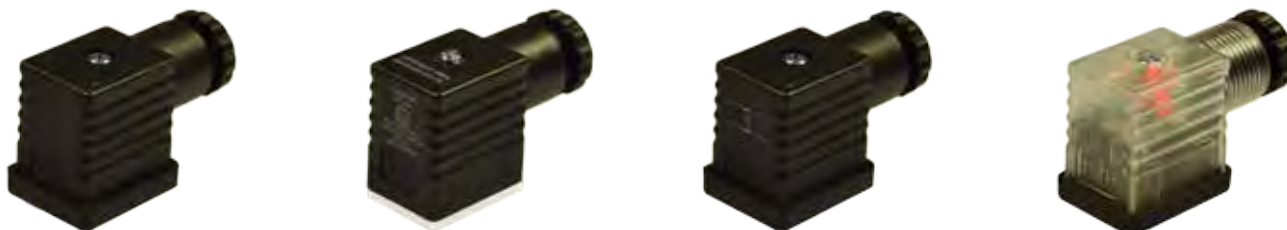
- — C 1
- — C 2
- — C $\frac{1}{2}$



Product description

Connector type	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	B	B
Part number	M2NS2000	M2NF2000
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector M2 series complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	H.12 (turnable)	H.12 (turnable)
Housing colour	Black	Black
Housing height	30mm	30mm
Cable gland	PG9	1/2"NPTF
Gasket type	Profiled NBR gasket	Profiled NBR gasket
Technical data		
Type of termination	Screw contacts	Screw contacts
Contact screw torque	0.5 N*m	0.5 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-
Led colour	-	-
Suitable cable	Ø cable 4-8mm	Ø cable 4-8mm
Central fixing screw	M3 L=32.5mm	M3 L=32.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m
Packaging		
Qty/Box	50pcs / box	50pcs / box
Other accessories options		
See accessories section		
Notes:		
	Connector with Grey Housing: P/N M2GS2000	Connector with Grey Housing: P/N M2GF2000 Connector without press-cable screw

VALVE CONNECTORS



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
B	B	B	B
M2NS2000-UL Rectangular connector M2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	M2NS2000-ATEX Rectangular connector M2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	M2NS2D03 Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.	M2TS2L01 M2TS2L02 M2TS2L03 Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.
10mm	10mm	10mm	10mm
2poles + P.E.	2poles + P.E.	2poles + P.E.	2poles + P.E.
H.12 (turnable)	H.12 (turnable)	H.12 (turnable)	H.12 (turnable)
Black	Black	Black	Transparent
30mm	30mm	30mm	30mm
PG9	PG9	PG9	PG9
Profiled NBR gasket	Flat Silicone gasket	Profiled NBR gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC	24V AC/DC 115V AC/DC 230V AC/DC
-	-	Diode(1A)	Bipolar Led
-	-	-	Red
ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm	ø cable 4-8mm
M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm	M3 L=32.5mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

50pcs / box	Singly packed in plastic bag	50pcs / box	50pcs / box
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Other accessories options

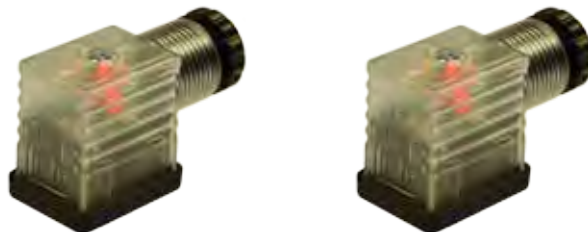
See accessories section

Notes:

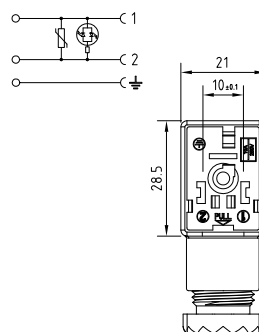
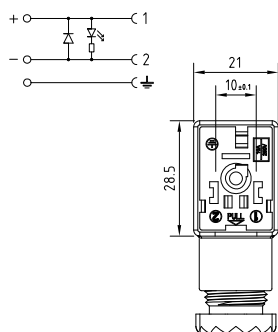
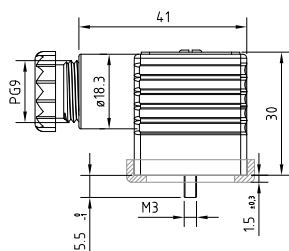
Connector available with different circuits.

Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803		
Construction type	B			B		
Part number	M2TS2DL1	M2TS2DL2	M2TS2DL3	M2TS2VL1	M2TS2VL2	M2TS2VL3
Description	Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.			Rectangular connector M2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	10mm			10mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.12 (turnable)			H.12 (turnable)		
Housing colour	Transparent			Transparent		
Housing height	30mm			30mm		
Cable gland	PG9			PG9		
Gasket type	Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts		
Contact screw torque	0.5 N*m			0.5 N*m		
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red		
Suitable cable	ø cable 4-8mm			ø cable 4-8mm		
Central fixing screw	M3 L=32.5mm			M3 L=32.5mm		
Central fixing screw material	Iron + Zinc plated			Iron + Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m		

Packaging

Qty/Box	50pcs / box	50pcs / box
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Other accessories options

See accessories section

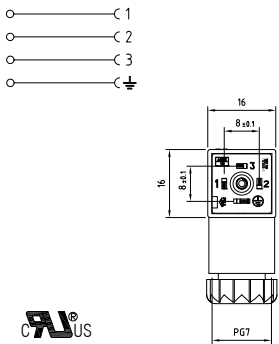
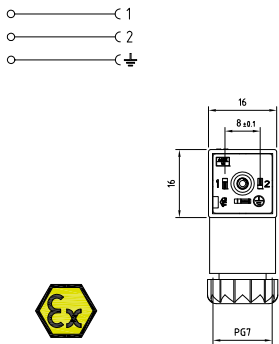
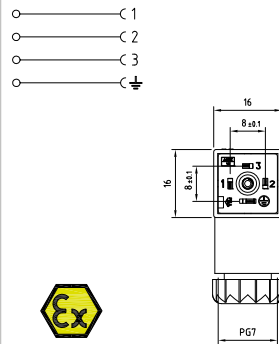
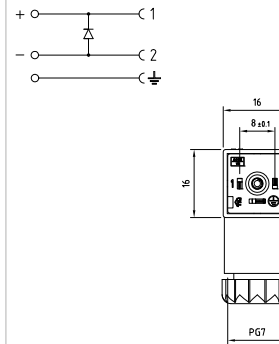
Notes:

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS



 <p>CUL[®]US</p>	 <p>Ex</p>	 <p>Ex</p>	
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
C	C	C	C
P1NZ3000-UL	P1NZ2000-ATEX	P1NZ3000-ATEX	P1NZ2D03
Square micro connector P1 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.
8mm	8mm	8mm	8mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Flat Silicone gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm	M2.5 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.4 N/m	0.4 N*m	0.4 N*m	0.4 N*m

Packaging

100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
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Other accessories options

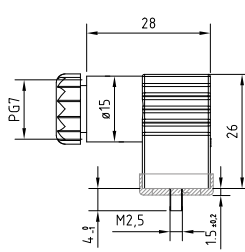
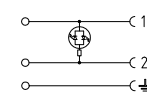
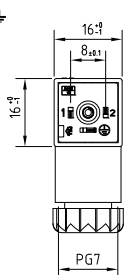
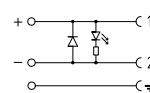
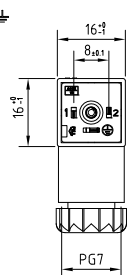
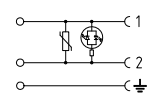
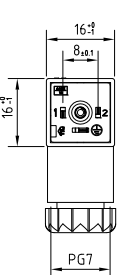
See accessories section

Notes:

Connector available with different circuits.

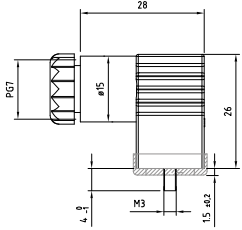
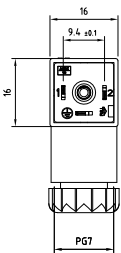
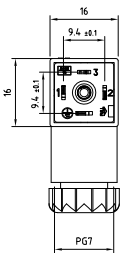
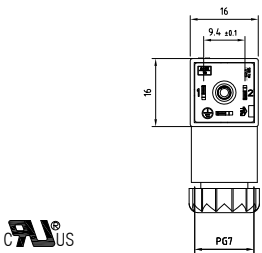
VALVE CONNECTORS



Technical drawing																					
				 				 				 									
Product description																					
Connector type				DIN valve connectors				DIN valve connectors				DIN valve connectors									
Conforms to				EN175301-803				EN175301-803				EN175301-803									
Construction type				C				C				C									
Part number				P1T22L01 P1T22L02 P1T22L03				P1T22DL1 P1T22DL2 P1T22DL3				P1T22VL1 P1T22VL2 P1T22VL3									
Description				Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.				Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.				Square micro connector P1 series complete with gasket and fixing screw. Connector with electronic.									
Contacts spacing				8mm				8mm				8mm									
Number of contacts				2poles + P.E.				2poles + P.E.				2poles + P.E.									
Earth positioning				H.6 (turnable)				H.6 (turnable)				H.6 (turnable)									
Housing colour				Transparent				Transparent				Transparent									
Housing height				26mm				26mm				26mm									
Cable gland				PG7				PG7				PG7									
Gasket type				Profiled NBR gasket				Profiled NBR gasket				Profiled NBR gasket									
Technical data																					
Type of termination				Screw contacts				Screw contacts				Screw contacts									
Contact screw torque				0.25 N*m				0.25 N*m				0.25 N*m									
Rated voltage				24V AC/DC		115V AC/DC		230V AC/DC		24V DC		115V DC		230V DC		24V AC/DC		115V AC/DC		230V AC/DC	
Circuit type				Bipolar led				Led + Diode(1A)				Bipolar Led + Varistor									
Led colour				Red				Red				Red									
Suitable cable				ø cable 4-6mm				ø cable 4-6mm				ø cable 4-6mm									
Central fixing screw				M2.5 L=28mm				M2.5 L=28mm				M2.5 L=28mm									
Central fixing screw material				Iron+Zinc plated				Iron+Zinc plated				Iron+Zinc plated									
Central screw torque				0.4 N*m				0.4 N*m				0.4 N*m									
Packaging																					
Qty/Box				100pcs / box				100pcs / box				100pcs / box									
Other accessories options																					
See accessories section																					
Notes:				Connector available with different led colour				Connector available with different led colour				Connector available with different led colour									

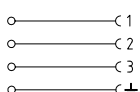
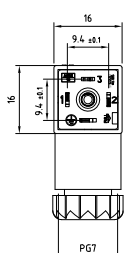

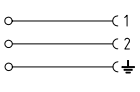
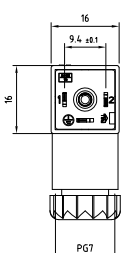

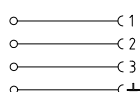
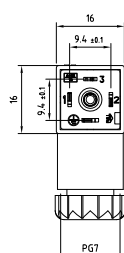

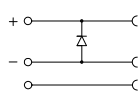
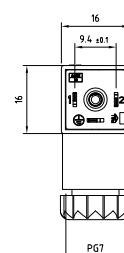
VALVE CONNECTORS



Technical drawing			
			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2NZ2000	P2NZ3000	P2NZ2000-UL
Description	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Housing colour	Black	Black	Black
Housing height	26mm	26mm	26mm
Cable gland	PG7	PG7	PG7
Gasket type	Profiled NBR gasket	Profiled NBR gasket	Profiled NBR gasket
Technical data			
Type of termination	Screw contacts	Screw contacts	Screw contacts
Contact screw torque	0.25 N*m	0.25 N*m	0.25 N*m
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Circuit type	-	-	-
Led colour	-	-	-
Suitable cable	Ø cable 4-6mm	Ø cable 4-6mm	Ø cable 4-6mm
Central fixing screw	M3 L=28mm	M3 L=28mm	M3 L=28mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Packaging			
Qty/Box	100pcs / box	100pcs / box	100pcs / box
Other accessories options			
See accessories section			
Notes:			
	Connector with Grey Housing: P/N P2GZ2000	Connector with Grey Housing: P/N P2GZ3000	Connector available with different circuits.

VALVE CONNECTORS



  	  	  	 
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
C	C	C	C
P2NZ3000-UL	P2NZ2000-ATEX	P2NZ3000-ATEX	P2NZ2D03
Square micro connector P2 series, UL approved, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series, ATEX conform, complete with gasket and fixing screw. Connector without electronic.	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.
9.4mm	9.4mm	9.4mm	9.4mm
3poles + P.E.	2poles + P.E.	3poles + P.E.	2poles + P.E.
H.6 (turnable)	H.6 (turnable)	H.6 (turnable)	H.6 (turnable)
Black	Black	Black	Black
26mm	26mm	26mm	26mm
PG7	PG7	PG7	PG7
Profiled NBR gasket	Flat Silicone gasket	Flat Silicone gasket	Profiled NBR gasket

Technical data

Screw contacts	Screw contacts	Screw contacts	Screw contacts
0.25 N*m	0.25 N*m	0.25 N*m	0.25 N*m
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
-	-	-	Diode(1A)
-	-	-	-
ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm	ø cable 4-6mm
M3 L=28mm	M3 L=28mm	M3 L=28mm	M3 L=28mm
Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m

Packaging

100pcs / box	Singly packed in plastic bag	Singly packed in plastic bag	100pcs / box
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Other accessories options

See accessories section

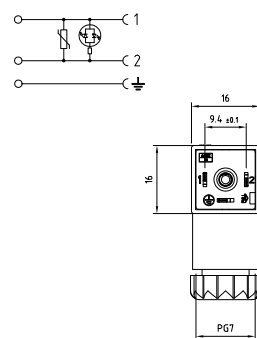
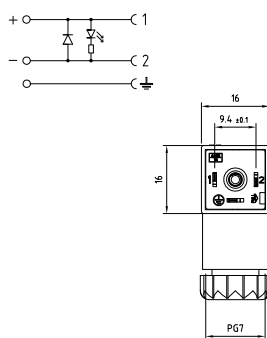
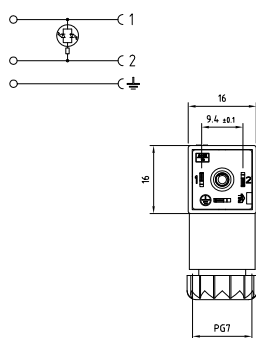
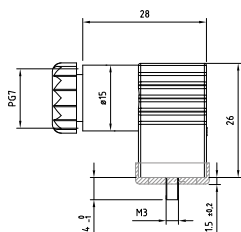
Notes:

Connector available with different circuits.

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	C			C			C		
Part number	P2TZ2L01	P2TZ2L02	P2TZ2L03	P2TZ2DL1	P2TZ2DL2	P2TZ2DL3	P2TZ2VL1	P2TZ2VL2	P2TZ2VL3
Description	Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.			Square micro connector P2 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	9.4mm			9.4mm			9.4mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 (turnable)			H.6 (turnable)			H.6 (turnable)		
Housing colour	Transparent			Transparent			Transparent		
Housing height	26mm			26mm			26mm		
Cable gland	PG7			PG7			PG7		
Gasket type	Profiled NBR gasket			Profiled NBR gasket			Profiled NBR gasket		

Technical data

Type of termination	Screw contacts			Screw contacts			Screw contacts		
Contact screw torque	0.25 N*m			0.25 N*m			0.25 N*m		
Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		
Suitable cable	ø cable 4-6mm			ø cable 4-6mm			ø cable 4-6mm		
Central fixing screw	M3 L=28mm			M3 L=28mm			M3 L=28mm		
Central fixing screw material	Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		

Packaging

Qty/Box	100pcs / box			100pcs / box			100pcs / box		
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Other accessories options

See accessories section

Notes:

Connector available with different led colour

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

• GENERAL FEATURES:

Conductor cross section :
0.34(22AWG) ... 1.50mm²(16AWG).

Fixing system :
Central fixing screw.

Max. screw torque IEC60947-1
(Central fixing screw) :
CG1-CM1-CM2-CP2 series: Max. 0.5 N * m.
CP1 series: Max. 0.4 N * m.

Type of terminations :
To solder.

Contact material and treatment :
Brass + Silver plated.

Housing material :
Polypropylene.

Internal core material :
PA66.

Flammability resistance :
UL94-V2 - Standard

Protection class :
IP67.

Operating temperature :
-25°C +90°C (connector).
(NBR gasket -40°C +90°C).
(Silicone gasket -40°C +125°C).

Nominal current :
10A (CP1-CP2 series: 6A).

Max contact current :
16A (CP1-CP2 series: 10A).

SERIES

CG1 : EN175301-803 form A (18mm).
CBG1 : EN175301-803 form A (18mm) with MALE contacts.
CG5 : form A (18mm) height ~33mm.
CGB : EN175301-803 form A (18mm) EXIT CABLE 180°.
CBGB : EN175301-803 form A (18mm) EXIT CABLE 180° WITH MALE CONTACTS.
CM1 : INDUSTRIAL form B (11mm).
CM2 : EN175301-803 form B (10mm).
CM1B : INDUSTRIAL form B (11mm) EXIT CABLE 180°.
CP1 : EN175301-803 form C (8mm).
CBP1 : EN175301-803 form C (8mm) WITH MALE CONTACTS.
CP2 : MICRO INDUSTRIAL form C (9.4mm).
CBP2 : MICRO INDUSTRIAL form C (9.4mm) WITH MALE CONTACTS.
CP2C : MICRO INDUSTRIAL form C (9.4mm) EXIT CABLE 180°.

COLOUR

G : GREY. N : BLACK (STANDARD).

CABLE EXIT

0 : MOULDED CABLE.

POLES No.

2 : 2POLES + EARTH. 3 : 3POLES + EARTH.

CIRCUIT TYPE

SEE CIRCUITS FEATURES PAGE.

VOLTAGE

0 : 250V / 300V. 1 : 24V. 2 : 115V. 3 : 230V. 4 : 12V. 5 : 48V.

EARTH POSITION

A : H.6. B : H.12. C : DOUBLE H.6-12. D : H.3. E : H.9. F : DOUBLE H.3-9.

CABLE TYPE

SEE CABLES FEATURES PAGE.

CABLE LENGTH

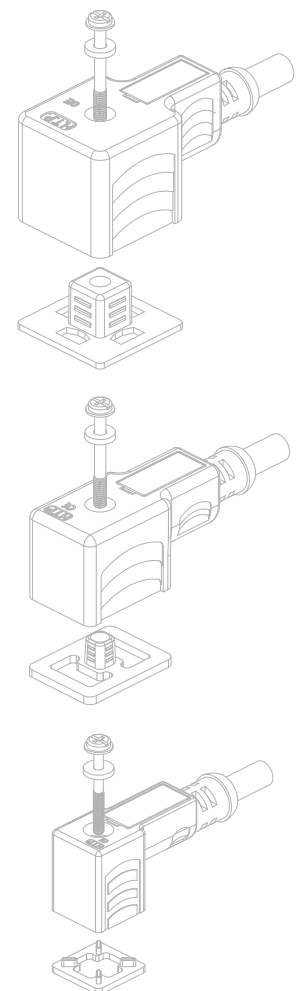
1 : 1m A : +10cm
2 : 2m B : +20cm
3 : 3m C : +30cm
... I : +90cm

EXAMPLE: "...2C" = 2.3m
"...2F" = 2.6m
"...2I" = 2.9m

CG1 N 0 2 00 0 C 02 2 - ##

SOME VARIABLES

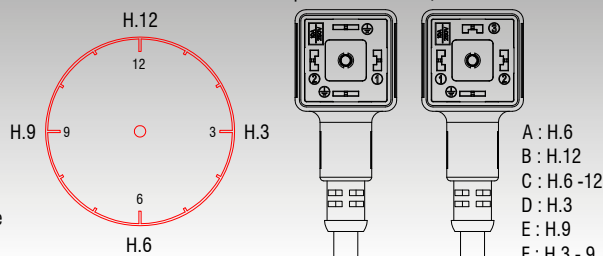
L : PROFILED GASKET. SS : STAINLESS STEEL SCREW. Y : WITHOUT H.T.P. LOGO.
4D : BRIDGE RECTIFIER WITH 4 DIODES. 3A : ELECTRONIC COMPONENTS 3A.
12MA3 : EXTENSION M12 MALE 90° 3p. 12MD3 : EXTENSION M12 MALE 180° 3p.
12FA3 : EXTENSION M12 FEMALE 90° 3p. 12FD3 : EXTENSION M12 FEMALE 180° 3p.



EARTH PIN POSITION

Earth pin position for the DIN43650 valve connectors with moulded cable has to be specified because its internal core is fixed.
The internal core cannot rotate as in the field attachable connectors.

To define the earth pin position it is necessary to look at the face view of the connector with the cable exit side down.
To easily identify the earth pin position you can compare the face view of the connector to a clock face view.



STANDARD CONNECTION:

2 P. + 2 P.E.:

1 : BROWN

2 : BLUE

P.E. : YELLOW-GREEN

3 P. + P.E.:

1 : BROWN

2 : BLUE

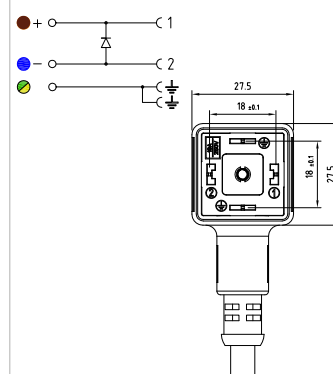
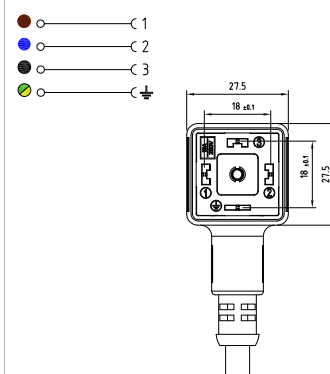
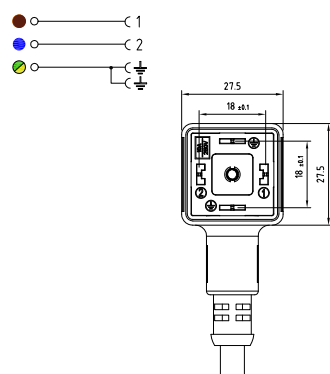
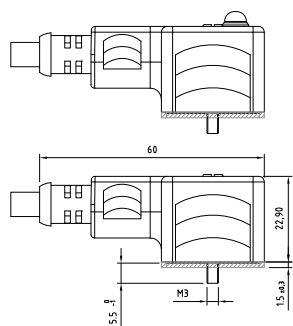
3 : BLACK

P.E. : YELLOW-GREEN

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CG1N02000C021	CG1N03000AB21	CG1N02D03C021
Description	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	Diode(1A)
Led colour	-	-	-
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF
Cable jacket colour	Black	Black	Black
No.Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G0.75mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)
Cable length	1m	1m	1m

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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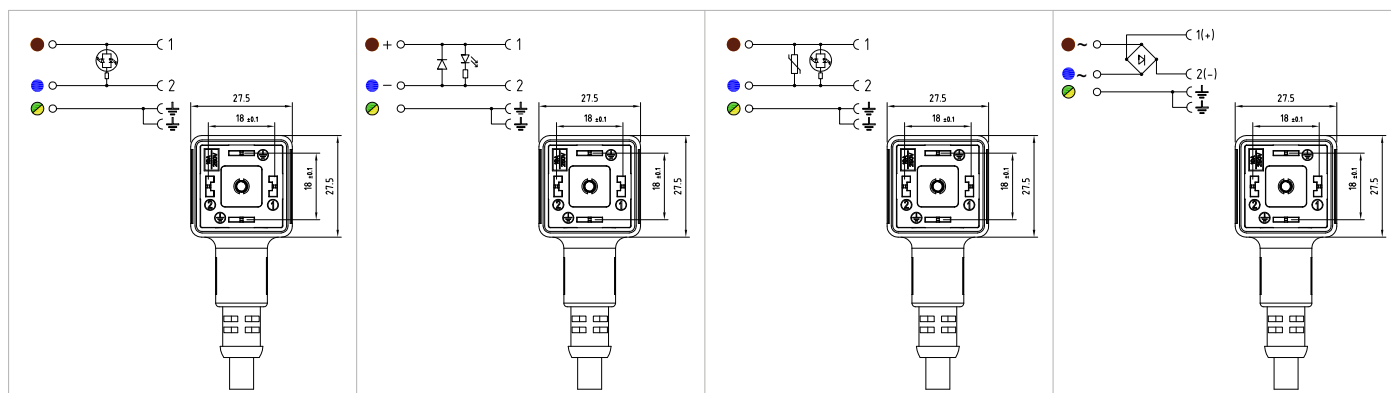
Other accessories options

See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
CG1N02L01C021 CG1N02L02C021 CG1N02L03C021	CG1N02DL1C021 CG1N02DL2C021 CG1N02DL3C021	CG1N02VL1C021 CG1N02VL2C021 CG1N02VL3C021	CG1N02R03C021
Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.
18mm	18mm	18mm	18mm
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
H.6-12	H.6-12	H.6-12	H.6-12
Black	Black	Black	Black
22.9mm	22.9mm	22.9mm	22.9mm
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	1-230V AC
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier
Red			Red			Red			-
M3 L=25mm			M3 L=25mm			M3 L=25mm			M3 L=25mm
Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated
0.5 N*m			0.5 N*m			0.5 N*m			0.5 N*m
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF
Black			Black			Black			Black
3G0.75mm ²			3G0.75mm ²			3G0.75mm ²			3G0.75mm ²
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)
1m			1m			1m			1m

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

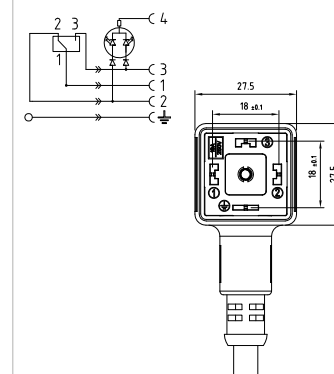
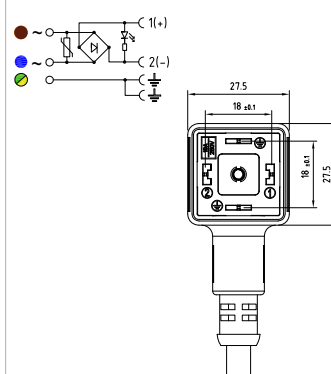
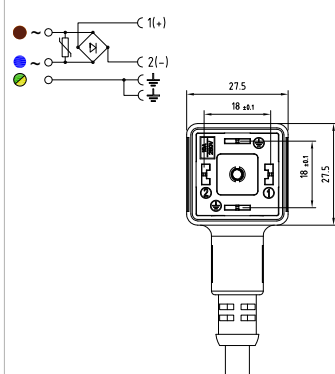
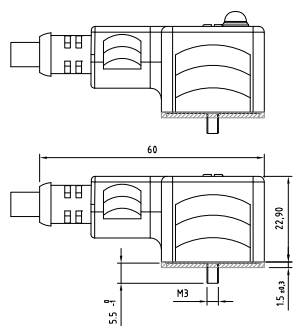
Notes:

Connector available with different feautres:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors			DIN valve connectors			DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	CG1N02RV1C021 CG1N02RV2C021 CG1N02RV3C021			CG1N02RL1C021 CG1N02RL2C021 CG1N02RL3C021			CG1N03Q01AB21 CG1N03Q01AB21 CG1N03Q01AB21		
Description	Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.			Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.			Square connector CG1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			3poles + P.E.		
Earth positioning	H.6-12			H.6-12			H.6		
Housing colour	Black			Black			Black		
Housing height	22.9mm			22.9mm			22.9mm		
Gasket type	Integrated NBR gasket			Integrated NBR gasket			Integrated NBR gasket		

Technical data

Rated voltage	24V AC	115V AC	230V AC	24V AC	115V AC	230V AC	24V DC	115V DC	230V DC
Circuit type	Full-Wave Bridge Rectifier + Varistor			Full-Wave Bridge Rectifier + Varistor + Led			Bicolour Led + no.2 Diodes (1A)		
Led colour	-			Red			Red (pin 2) ; Green (pin3)		
Central fixing screw	M3 L=25mm			M3 L=25mm			M3 L=25mm		
Central fixing screw material	Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated		
Central screw torque	0.5 N*m			0.5 N*m			0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black			Black			Black		
No. Conductors / Section	3G0.75mm ²			3G0.75mm ²			4G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Black; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø7mm (±0.3)		
Cable length	1m			1m			1m		

Packaging

Qty/Box	Variable according cable length.			Variable according cable length.			Variable according cable length.		
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Other accessories options

See accessories section

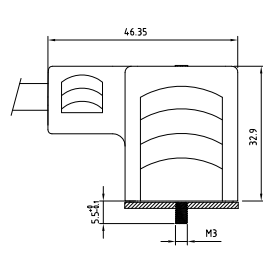
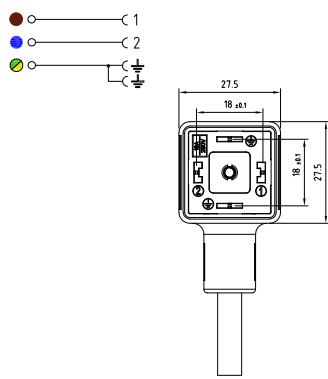
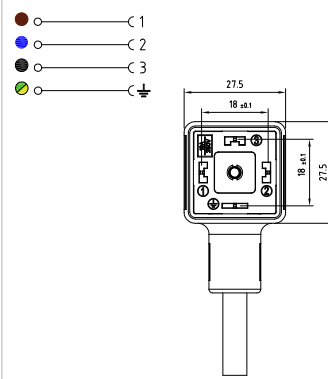
Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

Connector available with different led connection:
Q8 circuit (Green pin 2; Red pin 3)
Q1 circuit (Yellow pin 2; Green pin 3)

VALVE CONNECTORS

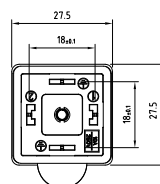
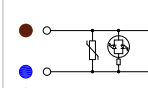
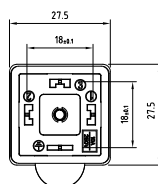
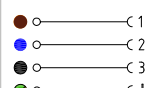
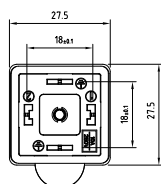
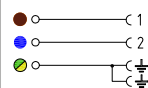
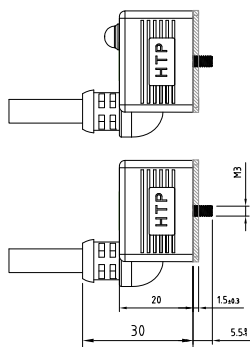


Technical drawing 			
Product description			
Connector type	DIN valve connectors	DIN valve connectors	
Conforms to	EN175301-803	EN175301-803	
Construction type	A	A	
Part number	CG5N02000C021	CG5N03000AB21	
Description	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	Square connector CG5 series complete with gasket and fixing screw. Connector without electronic.	
Contacts spacing	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + 2P.E.	
Earth positioning	H.6-12	H.6	
Housing colour	Black	Black	
Housing height	32.9mm	32.9mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	
Circuit type	-	-	
Led colour	-	-	
Central fixing screw	M3 L=35mm	M3 L=35mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	
Cable jacket colour	Black	Black	
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	
Cable length	1m	1m	
Packaging			
Qty/Box	Variable according cable length.	Variable according cable length.	
Other accessories options			
See accessories section			
Notes: Connector available with different features: See the cable codification scheme page See the cables list section			

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	CGBN02000C021	CGBN03000AB21	CGBN02VL1C021 CGBN02VL2C021 CGBN02VL3C021
Description	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square connector CGB series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	20mm	20mm	20mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor		
Led colour	-	-	Red		
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.75mm ²	4G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)	ø7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

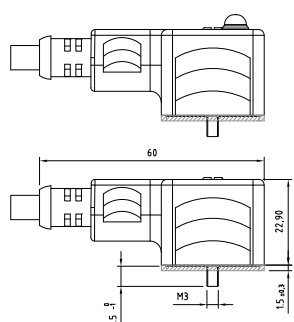
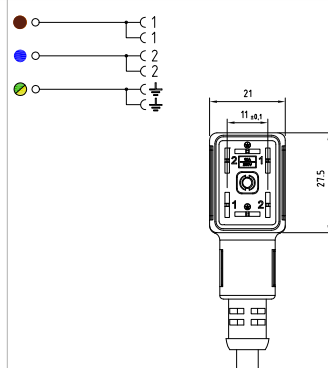
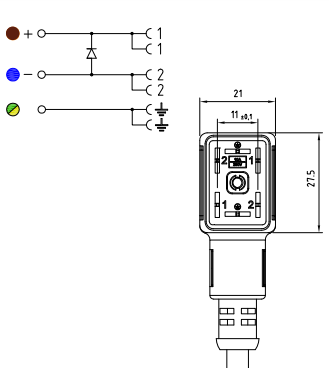
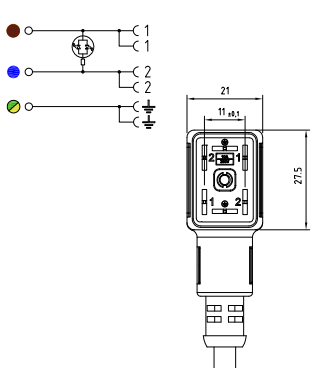
See accessories section

Notes:

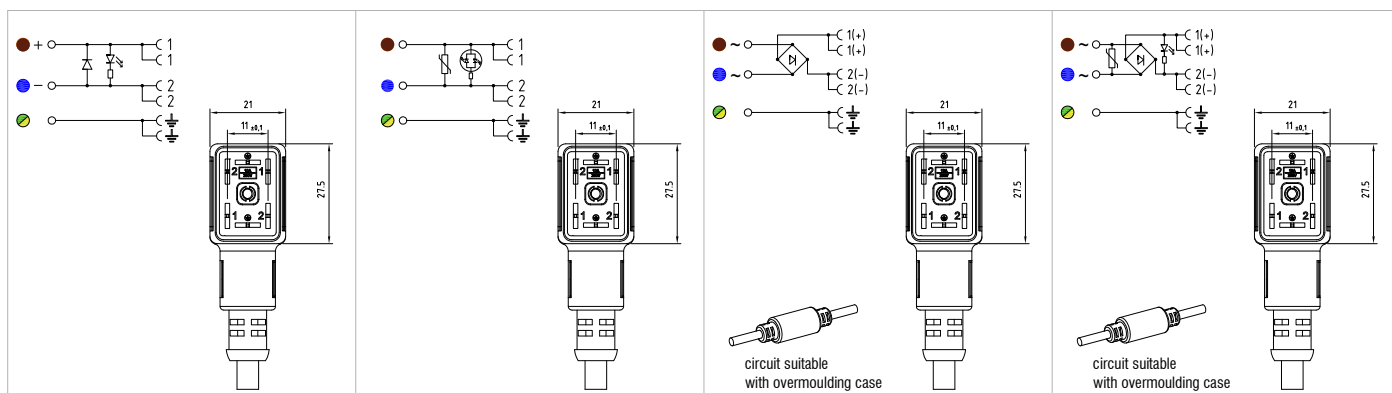
Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Technical drawing							
							
Product description							
Connector type	DIN valve connectors		DIN valve connectors		DIN valve connectors		
Conforms to	Industrial		Industrial		Industrial		
Construction type	B		B		B		
Part number	CM1N02000C021		CM1N02D03C021		CM1N02L01C021 CM1N02L02C021 CM1N02L03C021		
Description	Rectangular connector CM1 series complete with gasket and fixing screw. Connector without electronic.		Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.		Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.		
Contacts spacing	11mm		11mm		11mm		
Number of contacts	2poles + 2P.E.		2poles + 2P.E.		2poles + 2P.E.		
Earth positioning	H.6-12		H.6-12		H.6-12		
Housing colour	Black		Black		Black		
Housing height	22.9mm		22.9mm		22.9mm		
Gasket type	Integrated NBR gasket		Integrated NBR gasket		Integrated NBR gasket		
Technical data							
Rated voltage	250V AC/ 300VDC		1-230V DC		24V AC/ DC 115V AC/DC 230V AC/DC		
Circuit type	-		Diode(1A)		Bipolar Led		
Led colour	-		-		Red		
Central fixing screw	M3 L=25mm		M3 L=25mm		M3 L=25mm		
Central fixing screw material	Iron+Zinc plated		Iron+Zinc plated		Iron+Zinc plated		
Central screw torque	0.5 N*m		0.5 N*m		0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black		Black		Black		
No. Conductors / Section	3G0.75mm²		3G0.75mm²		3G0.75mm²		
Conductor colours	Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)		ø6.7mm (±0.3)		ø6.7mm (±0.3)		
Cable length	1m		1m		1m		
Packaging							
Qty/Box	Variable according cable length.		Variable according cable length.		Variable according cable length.		
Other accessories options							
See accessories section							
Notes:							
Connector available with different feautres: See the cable codification scheme page See the cables list section							

VALVE CONNECTORS



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	DIN valve connectors
Industrial	Industrial	Industrial	Industrial
B	B	B	B
CM1N02DL1C021 CM1N02DL2C021 CM1N02DL3C021	CM1N02VL1C021 CM1N02VL2C021 CM1N02VL3C021	CM1N02R03C021	CM1N02RL1C021 CM1N02RL2C021 CM1N02RL3C021
Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM1 series complete with gasket and fixing screw. Connector with electronic.
11mm	11mm	11mm	11mm
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
H.6-12	H.6-12	H.6-12	H.6-12
Black	Black	Black	Black
22.9mm	22.9mm	22.9mm	22.9mm
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	1-230V AC	24V AC	115V AC	230V AC
Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier	Full-Wave Bridge Rectifier + Varistor + Led		
Red			Red			-	Red		
M3 L=25mm			M3 L=25mm			M3 L=25mm	M3 L=25mm		
Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated	Iron + Zinc plated		
0.5 N*m			0.5 N*m			0.5 N*m	0.5 N*m		
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Black			Black			Black	Black		
3G0.75mm ²			3G0.75mm ²			3G0.75mm ²	3G0.75mm ²		
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)	ø6.7mm (±0.3)		
1m			1m			1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

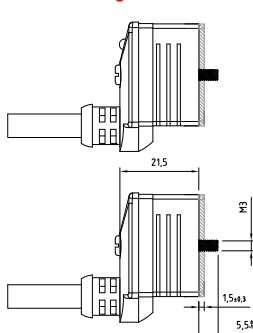
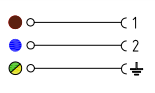
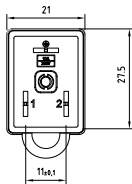
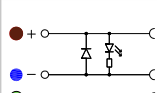
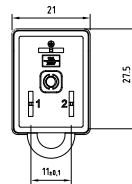
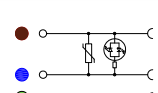
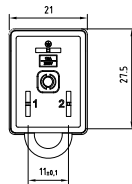
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

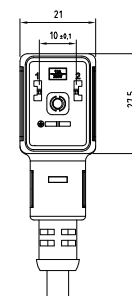
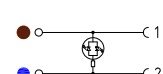
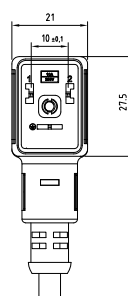
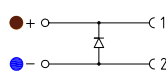
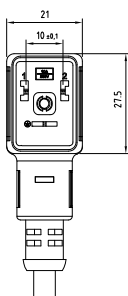
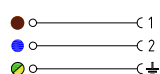
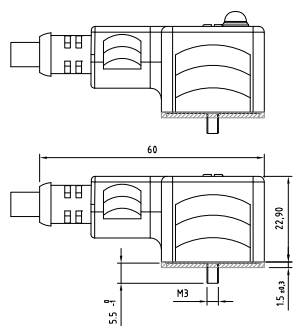


Technical drawing																	
			 			 			 								
Product description																	
Connector type			DIN valve connectors			DIN valve connectors			DIN valve connectors								
Conforms to			Industrial			Industrial			Industrial								
Construction type			B			B			B								
Part number			CM1BN02000B021			CM1BN02DL1B021 CM1BN02DL2B021 CM1BN02DL3B021			CM1BN02VL1B021 CM1BN02VL2B021 CM1BN02VL3B021								
Description			Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.			Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.			Rectangular connector CM1B series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.								
Contacts spacing			11mm			11mm			11mm								
Number of contacts			2poles + P.E.			2poles + P.E.			2poles + P.E.								
Earth positioning			H.12			H.12			H.12								
Housing colour			Black			Black			Black								
Housing height			21.5mm			21.5mm			21.5mm								
Gasket type			Integrated NBR gasket			Integrated NBR gasket			Integrated NBR gasket								
Technical data																	
Rated voltage			250V AC/ 300VDC			24V DC		115V DC		230V DC		24V AC/ DC		115V AC/DC		230V AC/DC	
Circuit type			-			Led + Diode(1A)						Bipolar Led + Varistor					
Led colour			-			Red						Red					
Central fixing screw			M3 L=26mm			M3 L=26mm						M3 L=26mm					
Central fixing screw material			Iron+Zinc plated			Iron+Zinc plated						Iron+Zinc plated					
Central screw torque			0.5 N*m			0.5 N*m						0.5 N*m					
Cable type			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF						PVC/PVC IEC332-1 H05VVF					
Cable jacket colour			Black			Black						Black					
No.Conductors / Section			3G0.75mm²			3G0.75mm²						3G0.75mm²					
Conductor colours			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green						Brown; Blue; Yellow-Green					
Cable diameter			ø6.7mm (±0.3)			ø6.7mm (±0.3)						ø6.7mm (±0.3)					
Cable length			1m			1m						1m					
Packaging																	
Qty/Box			Variable according cable length.			Variable according cable length.			Variable according cable length.								
Other accessories options																	
See accessories section																	
Notes:																	
Connector available with different feautres: See the cable codification scheme page See the cables list section																	

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	CM2N02000A021	CM2N02D03A021	CM2N02L01A021 CM2N02L02A021 CM2N02L03A021
Description	Rectangular connector CM2 series complete with gasket and fixing screw. Connector without electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	1-230V DC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	Diode(1A)	Bipolar Led		
Led colour	-	-	Red		
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm		
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF	PVC/PVC IEC332-1 H05VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.75mm ²	3G0.75mm ²	3G0.75mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø6.7mm (±0.3)	ø6.7mm (±0.3)	ø6.7mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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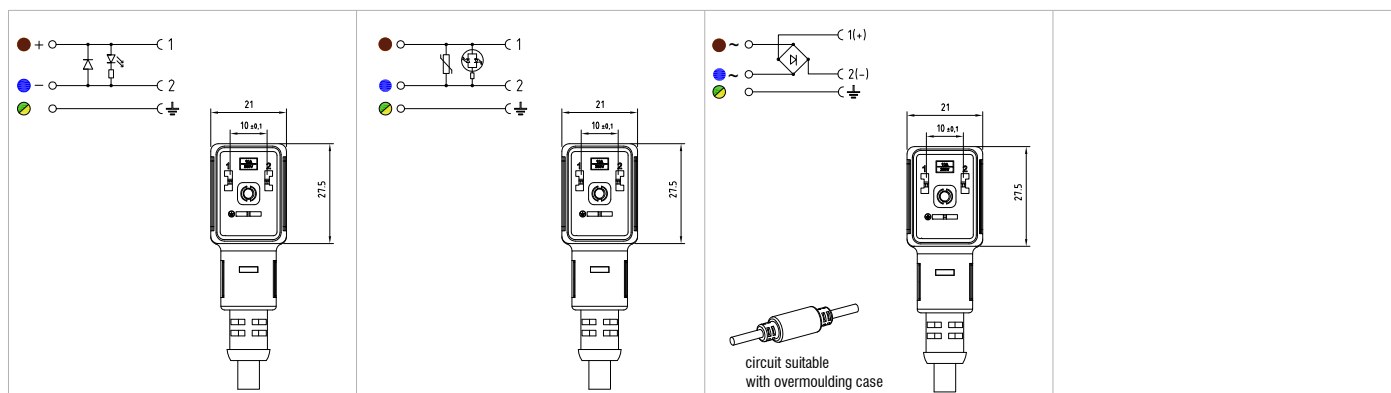
Other accessories options

See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
B	B	B	
CM2N02DL1A021 CM2N02DL2A021 CM2N02DL3A021	CM2N02VL1A021 CM2N02VL2A021 CM2N02VL3A021	CM2N02R03A021	
Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	Rectangular connector CM2 series complete with gasket and fixing screw. Connector with electronic.	
10mm	10mm	10mm	
2poles + P.E.	2poles + P.E.	2poles + P.E.	
H.6	H.6	H.6	
Black	Black	Black	
22.9mm	22.9mm	22.9mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	1-230V AC	
Led + Diode(1A)			Bipolar Led + Varistor			Full-Wave Bridge Rectifier	
Red			Red			-	
M3 L=25mm			M3 L=25mm			M3 L=25mm	
Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated	
0.5 N*m			0.5 N*m			0.5 N*m	
PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF			PVC/PVC IEC332-1 H05VVF	
Black			Black			Black	
3G0.75mm ²			3G0.75mm ²			3G0.75mm ²	
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green	
ø6.7mm (±0.3)			ø6.7mm (±0.3)			ø6.7mm (±0.3)	
1m			1m			1m	

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

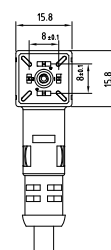
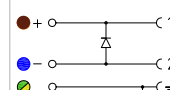
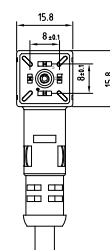
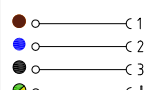
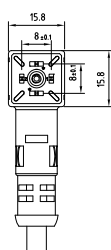
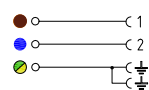
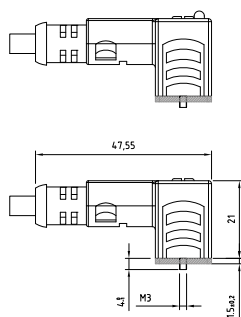
Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	CP1N02000C011	CP1N03000AB11	CP1N02D03C011
Description	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M2.5 L=22.5mm	M2.5 L=22.5mm	M2.5 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.4 N*m	0.4 N*m	0.4 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	3G0.5mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

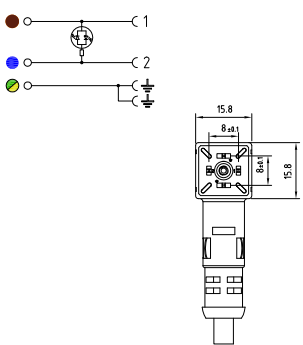
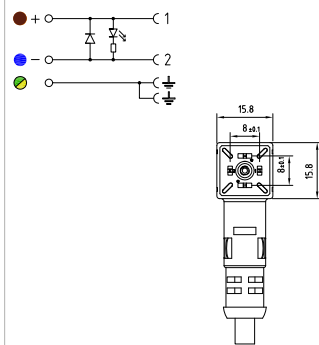
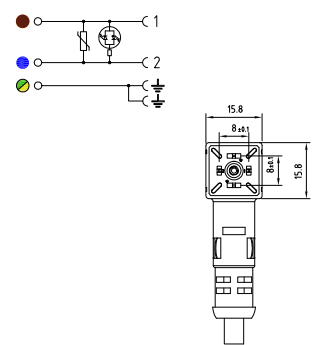
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



			
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
EN175301-803	EN175301-803	EN175301-803	
C	C	C	
CP1N02L01C011 CP1N02L02C011 CP1N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP1N02VL1C011 CP1N02VL2C011 CP1N02VL3C011	
Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	Square micro connector CP1 series complete with gasket and fixing screw. Connector with electronic.	
8mm	8mm	8mm	
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
H.6-12	H.6-12	H.6-12	
Black	Black	Black	
21mm	21mm	21mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			
Red			Red			Red			
M2.5 L=22.5mm			M2.5 L=22.5mm			M2.5 L=22.5mm			
Iron + Zinc plated			Iron + Zinc plated			Iron + Zinc plated			
0.4 N/m			0.4 N/m			0.4 N/m			
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			
Black			Black			Black			
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²			
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)			
1m			1m			1m			

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

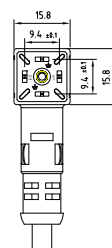
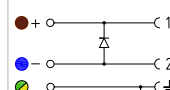
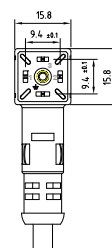
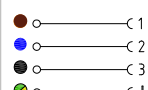
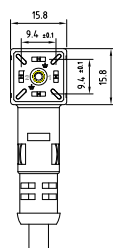
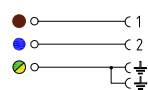
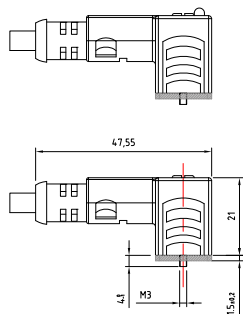
Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	CP2N02000C011	CP2N03000AB11	CP2N02D03C011
Description	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	1-230V DC
Circuit type	-	-	-
Led colour	-	-	-
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF
Cable jacket colour	Black	Black	Black
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	3G0.5mm ²
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)
Cable length	1m	1m	1m

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

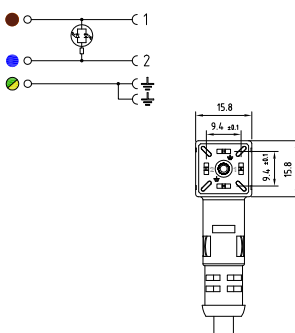
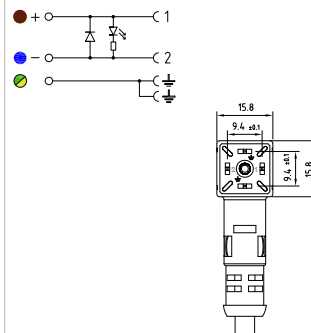
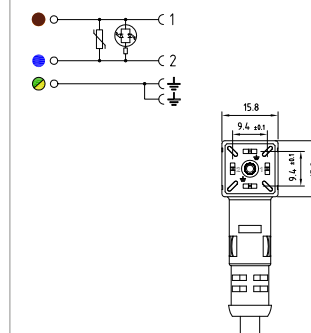
See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



			
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Product description

DIN valve connectors	DIN valve connectors	DIN valve connectors	
Industrial	Industrial	Industrial	
C	C	C	
CP2N02L01C011 CP2N02L02C011 CP2N02L03C011	CP1N02DL1C011 CP1N02DL2C011 CP1N02DL3C011	CP2N02VL1C011 CP2N02VL2C011 CP2N02VL3C011	
Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2 series complete with gasket and fixing screw. Connector without electronic.	
9.4mm	9.4mm	9.4mm	
2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
H.6-12	H.6-12	H.6-12	
Black	Black	Black	
21mm	21mm	21mm	
Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	

Technical data

24V AC/ DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/ DC	115V AC/DC	230V AC/DC	
Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor			
Red			Red			Red			
M3 L=22.5mm			M3 L=22.5mm			M3 L=22.5mm			
Iron+Zinc plated			Iron+Zinc plated			Iron+Zinc plated			
0.5 N*m			0.5 N*m			0.5 N*m			
PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			PVC/PVC IEC332-1 H03VVF			
Black			Black			Black			
3G0.5mm ²			3G0.5mm ²			3G0.5mm ²			
Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			Brown; Blue; Yellow-Green			
ø5mm (±0.3)			ø5mm (±0.3)			ø5mm (±0.3)			
1m			1m			1m			

Packaging

Variable according cable length.	Variable according cable length.	Variable according cable length.	
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Other accessories options

See accessories section

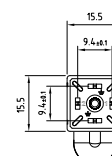
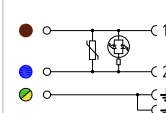
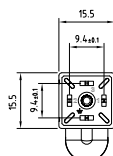
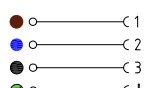
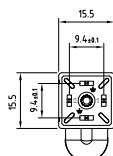
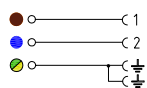
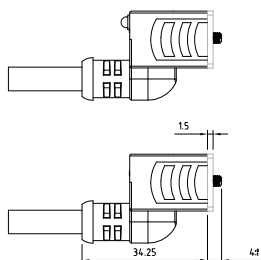
Notes:

Connector available with different feautres:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS



Technical drawing



Product description

Connector type	DIN valve connectors	DIN valve connectors	DIN valve connectors
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	CP2CN02000C011	CP2CN03000AB11	CP2CN02VL1C011 CP2CN02VL2C011 CP2CN02VL3C011
Description	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector without electronic.	Square micro connector CP2C series (TOP exit DIN connector) complete with gasket and fixing screw. Connector with electronic.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	3poles + P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	24V AC/ DC	115V AC/DC	230V AC/DC
Circuit type	-	-	Bipolar Led + Varistor		
Led colour	-	-	Red		
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm		
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated		
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m		
Cable type	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF	PVC/PVC IEC332-1 H03VVF		
Cable jacket colour	Black	Black	Black		
No. Conductors / Section	3G0.5mm ²	4G0.5mm ²	3G0.5mm ²		
Conductor colours	Brown; Blue; Yellow-Green	Brown; Blue; Black; Yellow-Green	Brown; Blue; Yellow-Green		
Cable diameter	ø5mm (±0.3)	ø6mm (±0.3)	ø5mm (±0.3)		
Cable length	1m	1m	1m		

Packaging

Qty/Box	Variable according cable length.	Variable according cable length.	Variable according cable length.
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Other accessories options

See accessories section

Notes:

Connector available with different features:
See the cable codification scheme page
See the cables list section

VALVE CONNECTORS

• GENERAL FEATURES:

Conductor cross section :

BG series: Max. 1.00mm²(19AWG).

BM series: Max. 1.00mm²(19AWG).

BP series: Max. 0.75mm² (18AWG).

Fixing system :

Central fixing screw.

Max- screw torque IEC60947-1

(Central fixing nut) :

BG series - BM1series - BP2 series: Max. 0.5 N * m.

BP1 series: Max. 0.4 N * m.

Type of terminations :

To Solder.

Contact material and treatment :

Brass + Silver plated.

Base material :

PA66.

Flammability resistance :

UL94-V2 - Standard.

UL94-V0 - UL approved (upon request).

Protection class :

IP 65 coupled.

Operating temperature :

-40°C +90°C with NBR gasket.

-40°C +125°C with Silicone gasket.

Nominal current :

10A (BP1-BP2 series: 6A).

Max contact current :

16A (BP1-BP2 series: 10A).

SERIES

BG0 : SQUARE EN175301-803 BASE form A (18mm)
WITH No.4 FIXING HOLES.
BG1 : SQUARE EN175301-803 BASE form A (18mm)
WITH No.4 FIXING HOLES.
BG4 : SQUARE EN175301-803 BASE form A (18mm)
WITH No.4 FIXING HOLES + CIRCULAR PART ø22mm.
BG5 : SQUARE EN175301-803 BASE form A (18mm)
WITH No.2 FIXING HOLES.
BG7 : CIRCULAR EN175301-803 form A (18mm) ø27mm.
BG8 : SQUARE EN175301-803 form A (18mm) SUITABLE
FOR CYLINDERS ø80mm.
BG10 : SQUARE EN175301-803 form A (18mm) SUITABLE
FOR CYLINDERS ø100mm.
BG16 : SQUARE EN175301-803 form A (18mm) SUITABLE
FOR CYLINDERS ø160mm.
BG33 : SQUARE EN175301-803 form A (18mm) SUITABLE
FOR CYLINDERS ø33mm.
BG42 : SQUARE EN175301-803 form A (18mm) SUITABLE
FOR CYLINDERS ø42mm.
BGR : CIRCULAR EN175301-803 form A (18mm) with M27
FIXING CIRCULAR NUT.
BM1 : RECTANGULAR INDUSTRIAL form B (11mm)
BP1 : SQUARE MICRO EN175301-803 form C (8mm)
BP2 : SQUARE MICRO INDUSTRIAL form C (9.4mm)
BP3 : SQUARE MICRO INDUSTRIAL form C (9.4mm) WITH
CIRCULAR PART ø15.2mm.

COLOUR

G : GREY. N : BLACK (STANDARD). T : TRANSPARENT.

0

POLES No.

2 : 2POLES + EARTH. 3 : 3POLES + EARTH.

CIRCUIT TYPE

00 : WITHOUT ELECTRONIC.

VOLTAGE

0 : 250V / 300V.

SOME VARIABLES

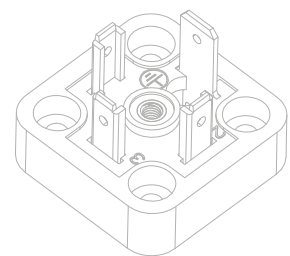
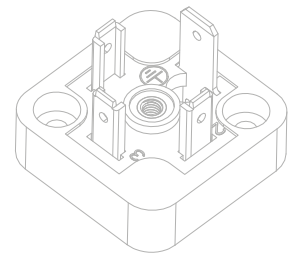
UL : UL APPROVED.

PG11 : BGR SERIES WITH ADAPTER FROM M27 TO PG11.

PG13.5 : BGR SERIES WITH ADAPTER FROM M27 TO PG13.5.

M20 : BGR SERIES WITH ADAPTER FROM M27 TO M20X1.5.

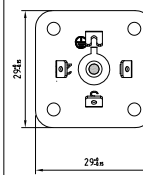
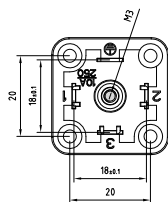
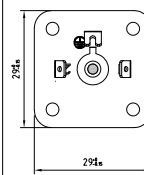
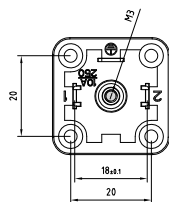
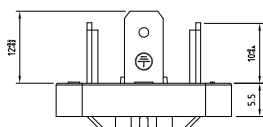
1/2" NPTF : BGR SERIES WITH ADAPTER FROM M27 TO 1/2" NPTF.



VALVE CONNECTORS



Technical drawing



Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG0N02000	BG0N03000
Description	Square base connector BG0 series complete with gasket and fixing screws.	Square base connector BG0 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	5.5mm	5.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Closed	M3 Closed

Packaging

Qty/Box	200pcs / box	200pcs / box
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Other accessories options

See accessories section

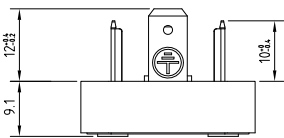
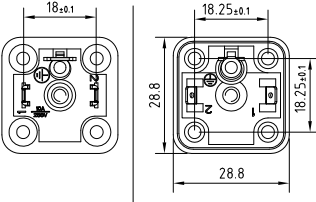
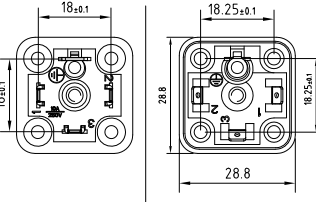
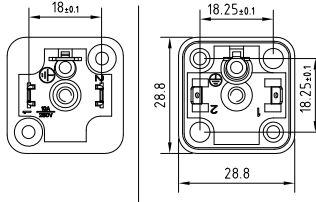
Notes:

Base in Grey colour: P/N BG0G02000

Base in Grey colour: P/N BG0G03000

VALVE CONNECTORS

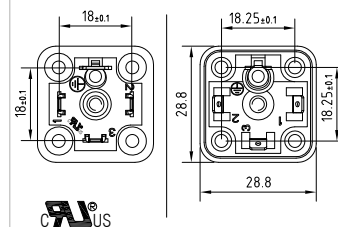
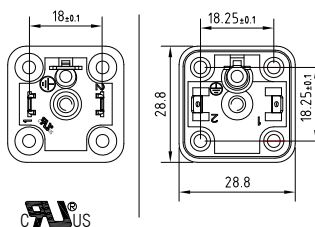
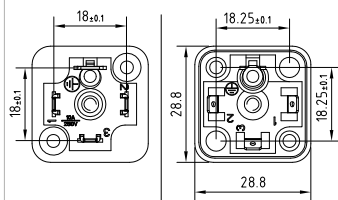
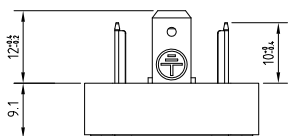


Technical drawing    			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG1N02000	BG1N03000	BG5N02000
Description	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG1 series complete with gasket and fixing screws.	Square base connector BG5 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4	N°2
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open
Packaging			
Qty/Box	200pcs / box	200pcs / box	200pcs / box
Other accessories options			
See accessories section			
Notes:			
	Base in Grey colour: P/N BG1G02000	Base in Grey colour: P/N BG1G03000	Base in Grey colour: P/N BG5G02000

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BG5N03000	BG1N02000-UL	BG1N03000-UL
Description	Square base connector BG5 series complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.	Square base connector BG1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	18mm	18mm	18mm
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	9.1mm	9.1mm	9.1mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x4)	M3 L=10mm	M3 L=10mm	M3 L=10mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	M3 L=4.8mm	M3 L=4.8mm	M3 L=4.8mm
Earth screw torque	0.5 N*m	0.5 N*m	0.5 N*m
Central nut type	M3 Open	M3 Open	M3 Open

Packaging

Qty/Box	200pcs / box	200pcs / box	200pcs / box
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Other accessories options

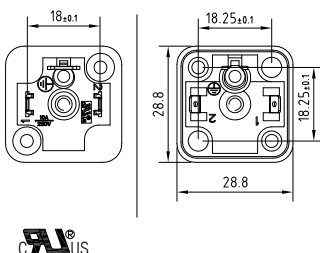
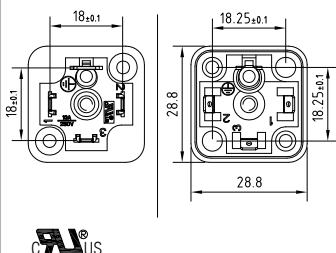
See accessories section

Notes:

Base in Grey colour: P/N BG5G03000

VALVE CONNECTORS

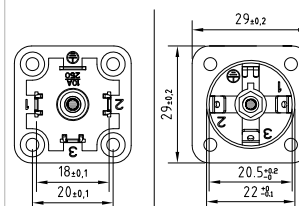
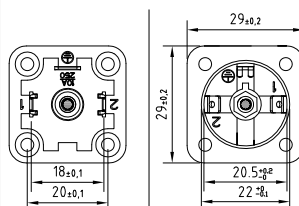
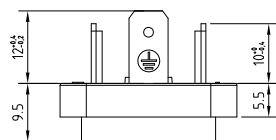


			
Product description			
Square base for DIN valve connectors	Square base for DIN valve connectors		
EN175301-803	EN175301-803		
A	A		
BG5N02000-UL	BG5N03000-UL		
Square base connector BG5 series, UL approved, complete with gasket and fixing screws.	Square base connector BG5 series, UL approved, complete with gasket and fixing screws.		
18mm	18mm		
2poles + P.E.	3poles + P.E.		
-	-		
Black	Black		
9.1mm	9.1mm		
Flat NBR gasket	Flat NBR gasket		
Technical data			
250V AC/ 300VDC	250V AC/ 300VDC		
N°2	N°2		
ø3.2mm	ø3.2mm		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=10mm	M3 L=10mm		
0.5 N*m	0.5 N*m		
Iron+Zinc plated	Iron+Zinc plated		
M3 L=4.8mm	M3 L=4.8mm		
0.5 N*m	0.5 N*m		
M3 Open	M3 Open		
Packaging			
200pcs / box	200pcs / box		
Other accessories options			
See accessories section			
Notes:			

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803
Construction type	A	A
Part number	BG4N02000	BG4N03000
Description	Square base connector BG4 series complete with gasket and fixing screws.	Square base connector BG4 series complete with gasket and fixing screws.
Contacts spacing	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	9.5mm	9.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°4	N°4
Diameter of fixing holes	ø3.2mm	ø3.2mm
Fixing screws material (x4)	Iron + Zinc plated	Iron + Zinc plated
Fixing screws length (x4)	M3 L=7.3mm	M3 L=7.3mm
Fixing screws torque (x4)	0.5 N*m	0.5 N*m
Earth fixing screw material	-	-
Earth fixing screws length	-	-
Earth screw torque	-	-
Central nut type	M3 Hexagonal closed	M3 Hexagonal closed

Packaging

Qty/Box	200pcs / box	200pcs / box
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Other accessories options

See accessories section

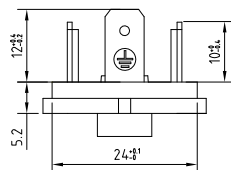
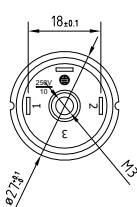
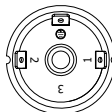
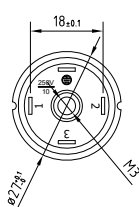
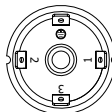
Notes:

Base in Grey colour: P/N BG4G02000

Base in Grey colour: P/N BG4G03000

VALVE CONNECTORS

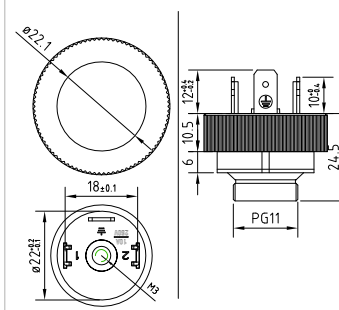
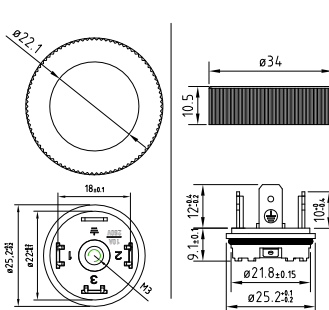
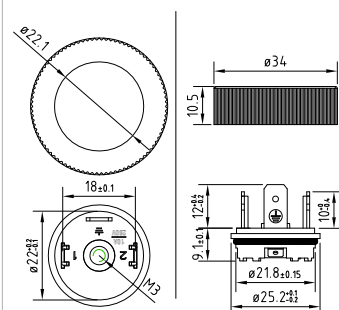


<div>Technical drawing</div> <div></div>		<div></div> <div></div> <div></div> <div></div>	
<div>Product description</div>			
Connector type	Circular base for DIN valve connectors		Circular base for DIN valve connectors
Conforms to	EN175301-803		EN175301-803
Construction type	A		A
Part number	BG7N02000		BG7N03000
Description	Circular base connector BG7 series without gasket and fixing screws.		Circular base connector BG7 series without gasket and fixing screws.
Contacts spacing	18mm		18mm
Number of contacts	2poles + P.E.		3poles + P.E.
Earth positioning	-		-
Base colour	Black		Black
Base height	5.2mm		5.2mm
Gasket type	-		-
<div>Technical data</div>			
Rated voltage	250V AC/ 300VDC		250V AC/ 300VDC
Number of fixing holes	-		-
Diameter of fixing holes	-		-
Fixing screws material	-		-
Fixing screws length	-		-
Fixing screws torque	-		-
Earth fixing screw material	-		-
Earth fixing screws length	-		-
Earth screw torque	-		-
Central nut type	M3 Closed		M3 Closed
<div>Packaging</div>			
Qty/Box	200pcs / box		200pcs / box
<div>Other accessories options</div>			
See accessories section			
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VALVE CONNECTORS



Technical drawing



Product description

Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	BGRN02000	BGRN03000	BGRN02000-PG11
Description	Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.
Earth positioning	-	-	-
Base colour	Black	Black	Black
Base height	10.5mm (with plastic fixing nut)	10.5mm (with plastic fixing nut)	24.5mm (with fixing nut and reduction)
Gasket type	-	-	-

Technical data

Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-	-
Diameter of fixing holes	-	-	-
Fixing screws material	-	-	-
Fixing screws length	-	-	-
Fixing screws torque	-	-	-
Earth fixing screw material	-	-	-
Earth fixing screws length	-	-	-
Earth screw torque	-	-	-
Central nut type	M3 Open	M3 Open	M3 Open
Reduction type	-	-	From M27x1.5 to PG11

Packaging

Qty/Box	200pcs / box	200pcs / box	200pcs / box
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Other accessories options

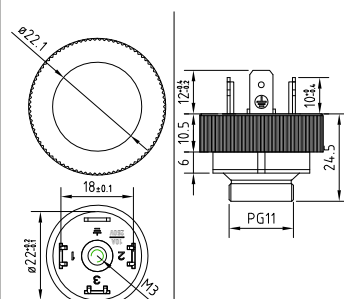
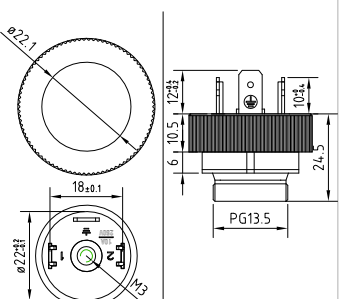
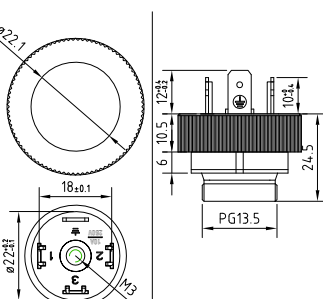
See accessories section			
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Notes:

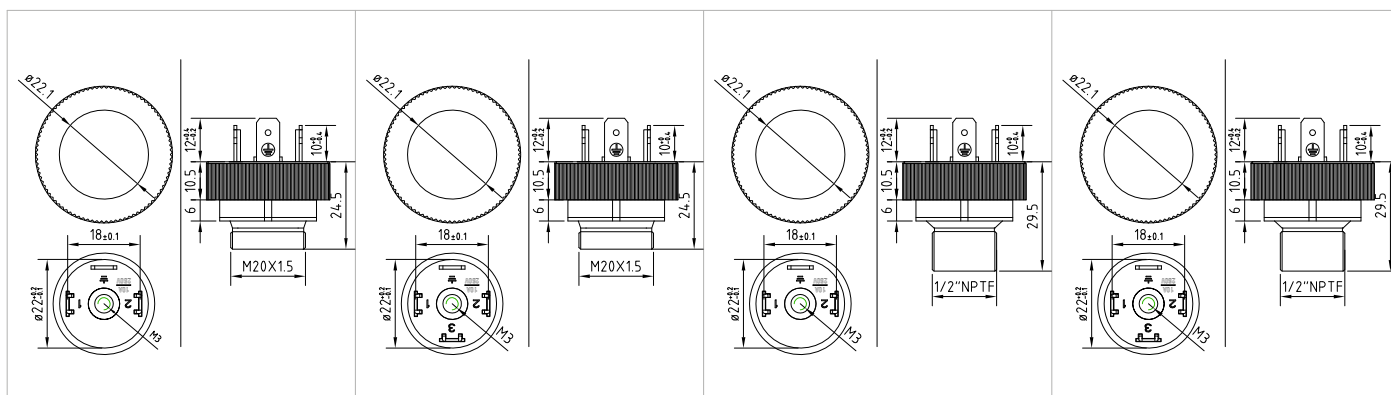
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VALVE CONNECTORS



Technical drawing				
Product description				
Connector type	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A	A
Part number	BGRN03000-PG11	BGRN02000-PG13.5	BGRN03000-PG13.5	
Description	Circular base connector BGR series with plastic fixing nut M27X1.5+PG11 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5+PG13.5 reduction. Base without fixing screws	
Contacts spacing	18mm	18mm	18mm	
Number of contacts	3poles + P.E.	2poles + P.E.	3poles + P.E.	
Earth positioning	-	-	-	
Base colour	Black	Black	Black	
Base height	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	
Gasket type	-	-	-	
Technical data				
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	
Number of fixing holes	-	-	-	
Diameter of fixing holes	-	-	-	
Fixing screws material	-	-	-	
Fixing screws length	-	-	-	
Fixing screws torque	-	-	-	
Earth fixing screw material	-	-	-	
Earth fixing screws length	-	-	-	
Earth screw torque	-	-	-	
Central nut type	M3 Open	M3 Open	M3 Open	
Reduction type	From M27x1.5 to PG11	From M27x1.5 to PG13.5	From M27x1.5 to PG13.5	
Packaging				
Qty/Box	200pcs / box	200pcs / box	200pcs / box	
Other accessories options				
See accessories section				
Notes:				

VALVE CONNECTORS



Product description

Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
EN175301-803	EN175301-803	EN175301-803	EN175301-803
A	A	A	A
BGRN02000-M20	BGRN03000-M20	BGRN02000-1/2NPTF	BGRN03000-1/2NPTF
Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + M20x1.5 reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws	Circular base connector BGR series with plastic fixing nut M27X1.5 + 1/2NPTF reduction. Base without fixing screws
18mm	18mm	18mm	18mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
24.5mm (with fixing nut and reduction)	24.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)	29.5mm (with fixing nut and reduction)
-	-	-	-

Technical data

250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
From M27x1.5 to M20x1.5	From M27x1.5 to M20x1.5	From M27x1.5 to 1/2"NPTF	From M27x1.5 to 1/2"NPTF

Packaging

200pcs / box	200pcs / box	200pcs / box	200pcs / box
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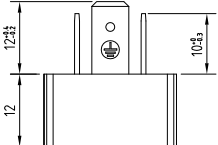
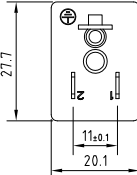
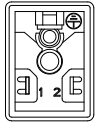
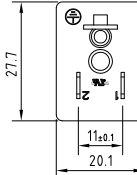
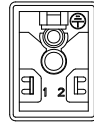

Other accessories options

See accessories section

Notes:

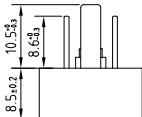
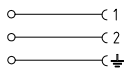
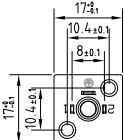

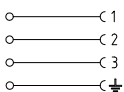
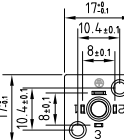

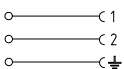
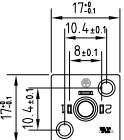


VALVE CONNECTORS



Technical drawing		
		 
		 
		
Product description		
Connector type	Rectangular base for DIN valve connectors	Rectangular base for DIN valve connectors
Conforms to	Industrial	Industrial
Construction type	B	B
Part number	BM1N02000	BM1N02000-UL
Description	Rectangular base connector BM1 series complete with gasket and fixing screws.	Rectangular base connector BM1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	11mm	11mm
Number of contacts	2poles + P.E.	2poles + P.E.
Earth positioning	-	-
Base colour	Black	Black
Base height	12mm	12mm
Gasket type	Flat NBR gasket	Flat NBR gasket
Technical data		
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	-	-
Diameter of fixing holes	-	-
Fixing screws material (x1)	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x1)	M3(int.)-M4(ext.) L=15.5mm	M3(int.)-M4(ext.) L=15.5mm
Fixing screws torque (x1)	0.5 N*m	0.5 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	M3 L=5mm	M3 L=5mm
Earth screw torque	0.5 N*m	0.5 N*m
Central nut type	-	-
Packaging		
Qty/Box	200pcs / box	200pcs / box
Other accessories options		
See accessories section		
Notes:		
Base in Grey colour: P/N BM1G02000		

VALVE CONNECTORS

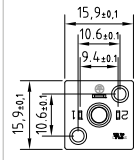


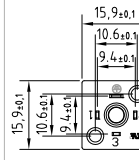


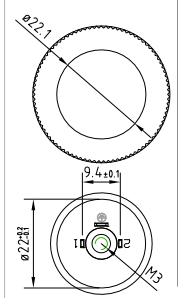
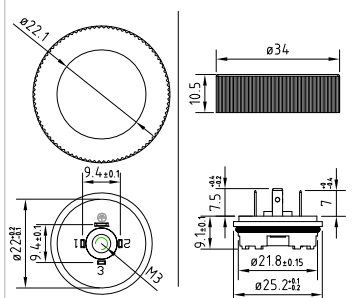


Technical drawing 		  	  	   
Product description				
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors	Square base for DIN valve connectors
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C
Part number	BP1N02000	BP1N03000	BP1N02000	BP1N02000-UL
Description	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series complete with gasket and fixing screws.	Square base connector BP1 series, UL approved, complete with gasket and fixing screws.
Contacts spacing	8mm	8mm	8mm	8mm
Number of contacts	2poles + P.E.	3poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	-	-	-	-
Base colour	Black	Black	Black	Black
Base height	8.5mm	8.5mm	8.5mm	8.5mm
Gasket type	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket	Flat NBR gasket
Technical data				
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
Number of fixing holes	N°2	N°2	N°2	N°2
Diameter of fixing holes	ø3mm	ø3mm	ø3mm	ø3mm
Fixing screws material (x1)	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Fixing screws length (x1)	M2.5 L=8mm	M2.5 L=8mm	M2.5 L=8mm	M2.5 L=8mm
Fixing screws torque (x1)	0.4 N*m	0.4 N*m	0.4 N*m	0.4 N*m
Earth fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Earth fixing screws length	-	-	-	-
Earth screw torque	-	-	-	-
Central nut type	M2.5 Open	M2.5 Open	M2.5 Open	M2.5 Open
Packaging				
Qty/Box	200pcs / box	200pcs / box	200pcs / box	200pcs / box
Other accessories options				
to be ordered separately see page				
Notes:				
	Base in Grey colour: P/N BP1G02000	Base in Grey colour: P/N BP1G03000		

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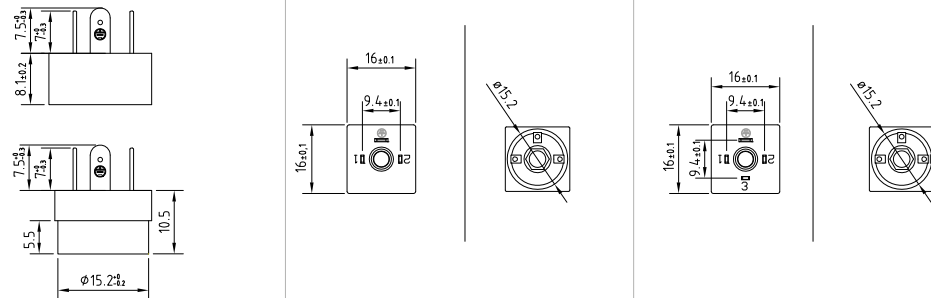
VALVE CONNECTORS



  	  		
Square base for DIN valve connectors	Square base for DIN valve connectors	Circular base for DIN valve connectors	Circular base for DIN valve connectors
Industrial	Industrial	EN175301-803	EN175301-803
C	C	A	A
BP2N02000-UL Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	BP2N03000-UL Square base connector BP2 series, UL approved, complete with gasket and fixing screws.	BP2RN02000 Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws	BP2RN03000 Circular base connector BP2R series with plastic fixing nut M27X1.5. Base without fixing screws
9,4mm	9,4mm	9,4mm	9,4mm
2poles + P.E.	3poles + P.E.	2poles + P.E.	3poles + P.E.
-	-	-	-
Black	Black	Black	Black
8.5mm	8.5mm	10.5mm (with plastic fixing nut)	10.5mm (with plastic fixing nut)
Flat NBR gasket	Flat NBR gasket	-	-
250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC	250V AC/ 300VDC
N°2	N°2	-	-
ø3mm	ø3mm	-	-
Iron+Zinc plated	Iron+Zinc plated	-	-
M3 L=8mm	M3 L=8mm	-	-
0.5 N*m	0.5 N*m	-	-
Iron+Zinc plated	Iron+Zinc plated	-	-
-	-	-	-
-	-	-	-
M3 Open	M3 Open	M3 Open	M3 Open
-	-	-	-
400pcs / box	400pcs / box	200pcs / box	200pcs / box
		Base available with different reductions: P/N BP2RN02000-PG11 P/N BP2RN02000-PG13.5 P/N BP2RN02000-M20 P/N BP2RN02000-1/2NPTF	Base available with different reductions: P/N BP2RN03000-PG11 P/N BP2RN03000-PG13.5 P/N BP2RN03000-M20 P/N BP2RN03000-1/2NPTF

VALVE CONNECTORS

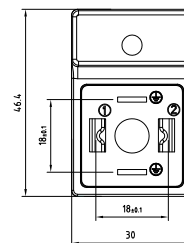
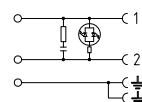
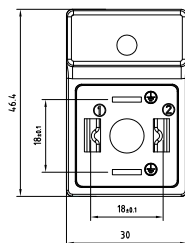
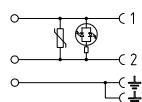
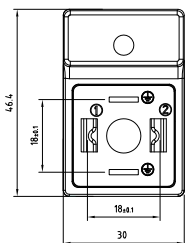
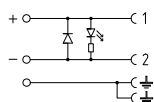
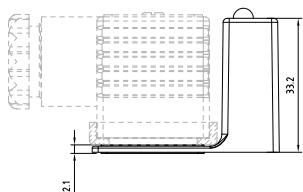


Technical drawing			
			
Product description			
Connector type	Square base for DIN valve connectors	Square base for DIN valve connectors	
Conforms to	Industrial	Industrial	
Construction type	C	C	
Part number	BP3N02000	BP3N03000	
Description	Square base connector BP3 series complete with gasket	Square base connector BP3 series complete with gasket	
Contacts spacing	9.4mm	9.4mm	
Number of contacts	2poles + P.E.	3poles + P.E.	
Earth positioning	-	-	
Base colour	Black	Black	
Base height	10.5mm	10.5mm	
Gasket type	Flat NBR gasket	Flat NBR gasket	
Technical data			
Rated voltage	250V AC/ 300VDC	250V AC/ 300VDC	
Number of fixing holes	-	-	
Diameter of fixing holes	-	-	
Fixing screws material (x1)	-	-	
Fixing screws length (x1)	-	-	
Fixing screws torque (x1)	-	-	
Earth fixing screw material	-	-	
Earth fixing screws length	-	-	
Earth screw torque	-	-	
Central nut type	M3 Open	M3 Open	
Packaging			
Qty/Box	300pcs / box	300pcs / box	
Other accessories options			
to be ordered separately see page			
Notes:			
	Base in Grey colour: P/N BP3G02000	Base in Grey colour: P/N BP3G03000	

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	EN175301-803			EN175301-803			EN175301-803		
Construction type	A			A			A		
Part number	AG1N02DL1	AG1N02DL2	AG1N02DL3	AG1N02VL1	AG1N02VL2	AG1N02VL3	AG1N02FL1	AG1N02FL2	AG1N02FL3
Description	Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series			Square Angled 90° adapter AG1 series		
Contacts spacing	18mm			18mm			18mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Adapter colour	Black			Black			Black		
Adapter height	33.2mm			33.2mm			33.2mm		

Technical data

Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour	Red			Red			Red		

Packaging

Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
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Other accessories options

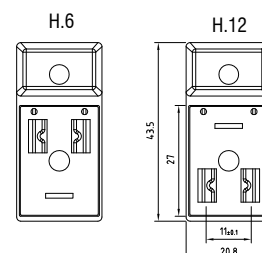
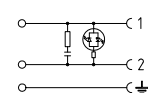
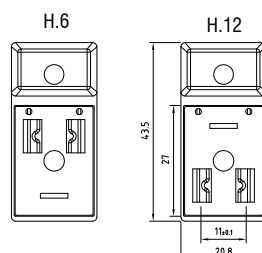
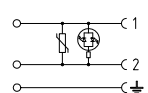
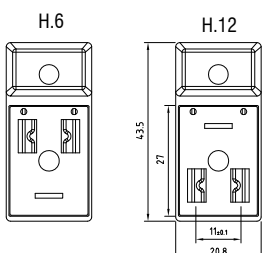
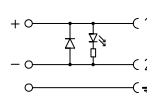
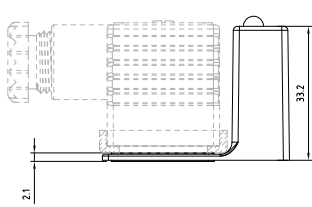
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Notes:

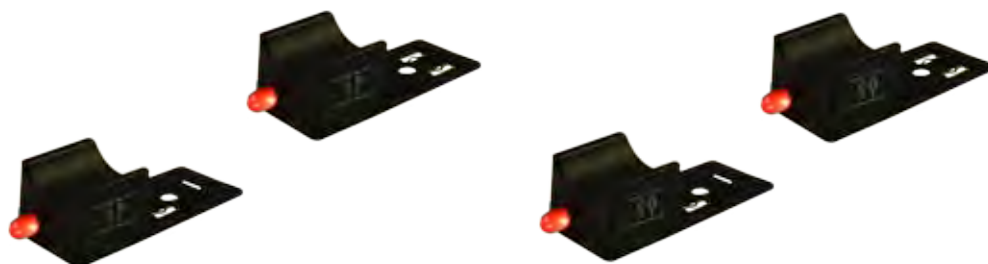
Adapter available with different led colour. Adapter available with different circuits.				Adapter available with different led colour. Adapter available with different circuits.				Adapter available with different led colour. Adapter available with different circuits.		
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VALVE CONNECTORS

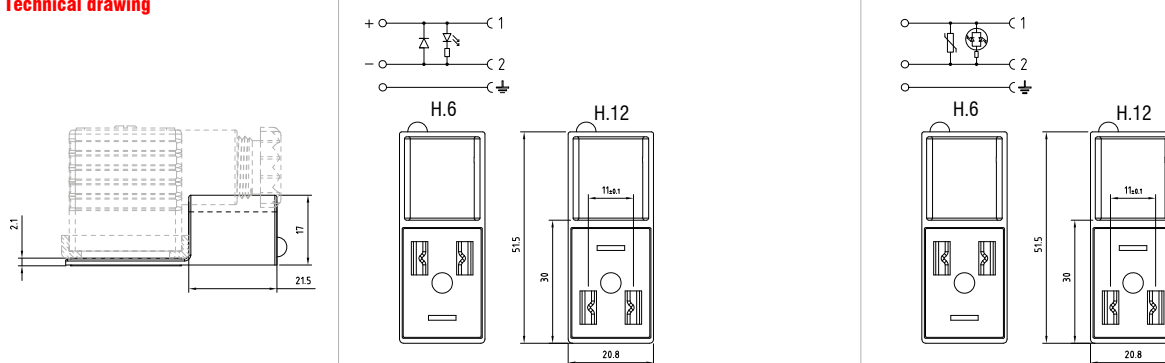


<div>Technical drawing</div> <div></div>									
Product description									
Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	B			B			B		
Part number (P.E. H.6)	AM1N02DL1A	AM1N02DL2A	AM1N02DL3A	AM1N02VL1A	AM1N02VL2A	AM1N02VL3A	AM1N02FL1A	AM1N02FL2A	AM1N02FL3A
Part number (P.E. H.12)	AM1N02DL1B	AM1N02DL2B	AM1N02DL3B	AM1N02VL1B	AM1N02VL2B	AM1N02VL3B	AM1N02FL1B	AM1N02FL2B	AM1N02FL3B
Description	Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series			Rectangular angled 90° adapter AM1 series		
Contacts spacing	11mm			11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 or H.12			H.6 or H.12			H.6 or H.12		
Adapter colour	Black			Black			Black		
Adapter height	33.2mm			33.2mm			33.2mm		
Technical data									
Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor			Bipolar Led + RC circuit		
Led colour	Red			Red			Red		

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial		
Construction type	B			B		
Part number (P.E. H.6)	AM1N02DL1A-180	AM1N02DL2A-180	AM1N02DL3A-180	AM1N02VL1A-180	AM1N02VL2A-180	AM1N02VL3A-180
Part number (P.E. H.12)	AM1N02DL1B-180	AM1N02DL2B-180	AM1N02DL3B-180	AM1N02VL1B-180	AM1N02VL2B-180	AM1N02VL3B-180
Description	Rectangular straight 180° adapter AM1 series			Rectangular straight 180° adapter AM1 series		
Contacts spacing	11mm			11mm		
Number of contacts	2poles + P.E.			2poles + P.E.		
Earth positioning	H.6 or H.12			H.6 or H.12		
Adapter colour	Black			Black		
Adapter height	33.2mm			33.2mm		

Technical data

Rated voltage	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red		

Packaging

Qty/Bag	1pc / bag	1pc / bag
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Other accessories options

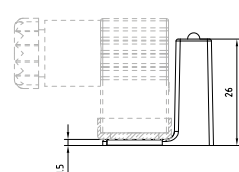
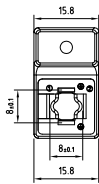
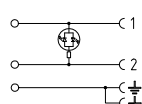
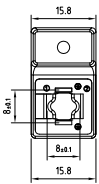
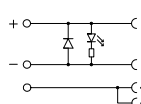
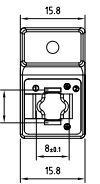
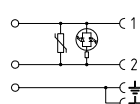
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Notes:

Adapter available with different led colour.
Adapter available with different circuits.

VALVE CONNECTORS

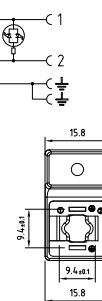
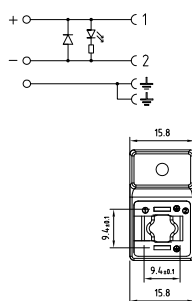
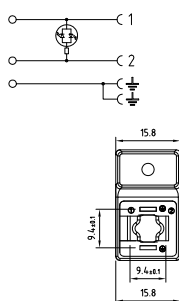
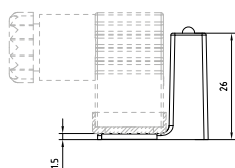


<div>Technical drawing</div> <div></div>										<div></div>										<div></div>										<div></div>									
<div>Product description</div>																																							
Connector type										Adapter base for DIN valve connectors										Adapter base for DIN valve connectors										Adapter base for DIN valve connectors									
Conforms to										EN175301-803										EN175301-803										EN175301-803									
Construction type										C										C										C									
Part number										AP1N02L01AP1N02L02AP1N02L03										AP1N02DL1AP1N02DL2AP1N02DL3										AP1N02VL1AP1N02VL2AP1N02VL3									
Description										Square micro angled 90° adapter AP1 series										Square micro angled 90° adapter AP1 series										Square micro angled 90° adapter AP1 series									
Contacts spacing										8mm										8mm										8mm									
Number of contacts										2poles + 2P.E.										2poles + 2P.E.										2poles + 2P.E.									
Earth positioning										H.6-12										H.6-12										H.6-12									
Adapter colour										Black										Black										Black									
Adapter height										26mm										26mm										26mm									
<div>Technical data</div>																																							
Rated voltage										24V AC/DC115V AC/DC230V AC/DC										24V DC115V DC230V DC										24V AC/DC115V AC/DC230V AC/DC									
Circuit type										Bipolar Led										Led + Diode(1A)										Bipolar Led + Varistor									
Led colour										Red										Red										Red									
<div>Packaging</div>																																							
Qty/Bag										1pc / bag										1pc / bag										1pc / bag									
<div>Other accessories options</div>																																							
<div>-</div>																																							
<div>Notes:</div>																																							
Adapter available with different led colour.																																							
Adapter available with different circuits.																																							

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter base for DIN valve connectors			Adapter base for DIN valve connectors			Adapter base for DIN valve connectors		
Conforms to	Industrial			Industrial			Industrial		
Construction type	C			C			C		
Part number	AP2N02L01	AP2N02L02	AP2N02L03	AP2N02DL1	AP2N02DL2	AP2N02DL3	AP2N02VL1	AP2N02VL2	AP2N02VL3
Description	Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series			Square micro angled 90° adapter AP2 series		
Contacts spacing	9.4mm			9.4mm			9.4mm		
Number of contacts	2poles + 2P.E.			2poles + 2P.E.			2poles + 2P.E.		
Earth positioning	H.6-12			H.6-12			H.6-12		
Adapter colour	Black			Black			Black		
Adapter height	26mm			26mm			26mm		

Technical data

Rated voltage	24V AC/DC	115V AC/DC	230V AC/DC	24V DC	115V DC	230V DC	24V AC/DC	115V AC/DC	230V AC/DC
Circuit type	Bipolar Led			Led + Diode(1A)			Bipolar Led + Varistor		
Led colour	Red			Red			Red		

Packaging

Qty/Bag	1pc / bag			1pc / bag			1pc / bag		
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Other accessories options

-									
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Notes:

Adapter available with different led colour.
Adapter available with different circuits.

VALVE CONNECTORS

• GENERAL FEATURES:

Adapter :

M8 : M8 circular connector.
M12: M12 circular connector.

Fixing system :

Central fixing screw.

Max. screw torque IEC60947-1

(Central fixing screw) :
 G1-M1-P2 series: Max. 0.5 N * m.
 P1 series: Max. 0.4 N * m.

Type of terminations :

Screw (with protection plate).

Contact material and treatment :

Brass + Silver plated.

Housing material :

Polypropylene.

Internal core material :

PA66.

Flammability resistance :

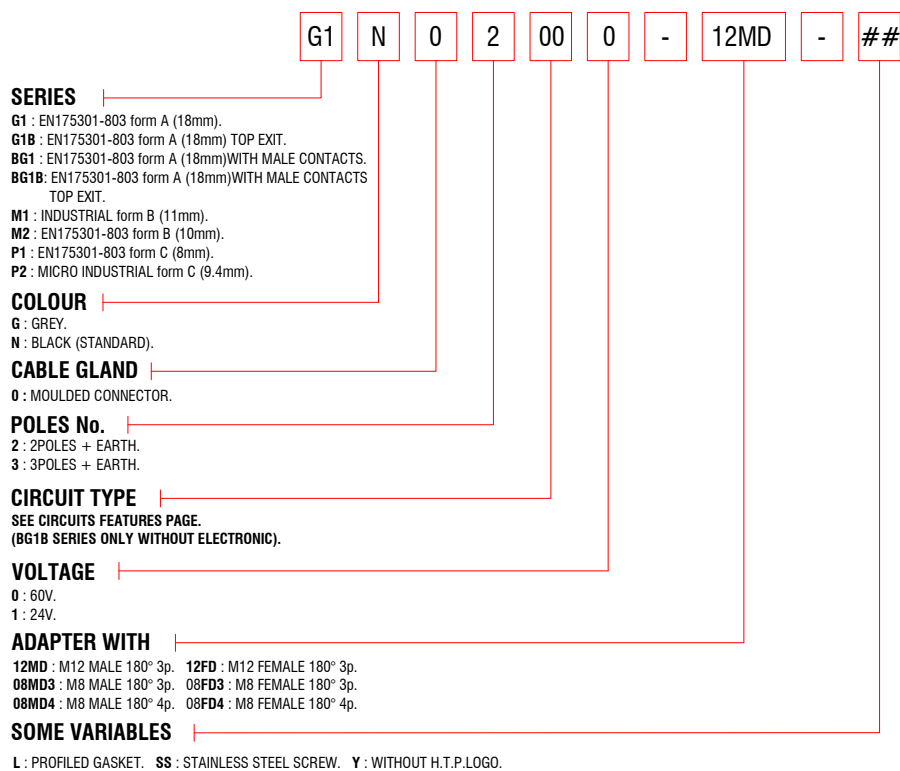
UL94-V2 - Standard.

Protection class :

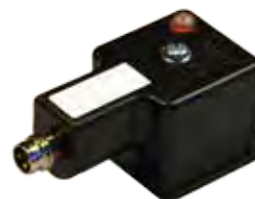
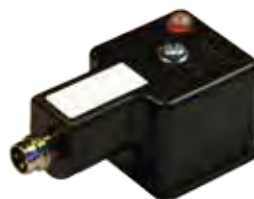
IP 65 / 67 (assembled).

Operating temperature :

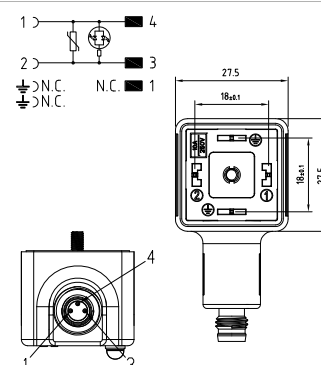
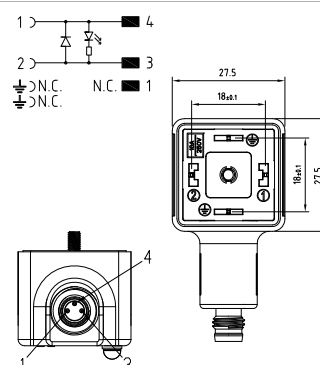
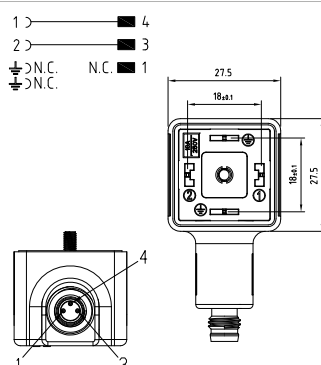
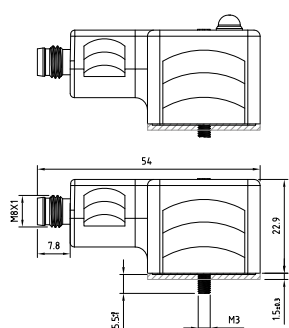
-40°C +90°C with NBR gasket.
 -40°C +125°C with Silicone gasket.



VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector	Adapter DIN valve connector - M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1N02000C-08MD3	G1N02DL1C-08MD3	G1N02VL1C-08MD3
Description	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.	Adapter square connector EN175301-803 (form A) - M8 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

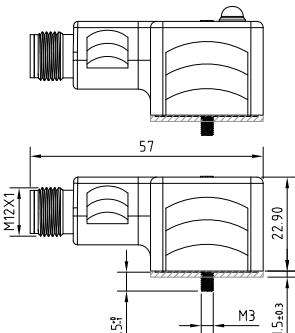
Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

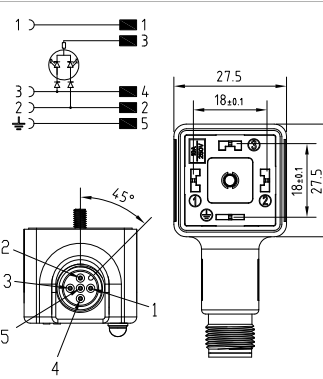
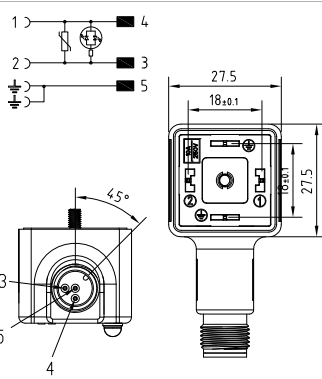
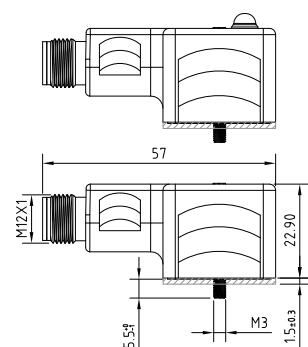


Technical drawing 			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	G1N02000C-12MD	G1N02L01C-12MD	G1N02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12
Technical data			
Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	
Conforms to	EN175301-803	EN175301-803	
Construction type	A	A	
Part number	G1N02VL1C-12MD	G1N02Q01A-12MD	
Description	Adapter square connector EN175301-803 (form A) - M12 circular connector.	Adapter square connector EN175301-803 (form A) - M12 circular connector.	
Contacts spacing	18mm	18mm	
Number of contacts	2poles + 2P.E.	3poles + P.E.	
Earth positioning	H.6-12	H.6	
Housing colour	Black	Black	
Housing height	22.9mm	22.9mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M12	M12	

Technical data

Rated voltage	24V AC/DC	24V DC	
Circuit type	Bipolar Led + Varistor	Bicolour Led + no.2 Diodes (1A)	
Led colour	Red	Red (pin 2) ; Green (pin3)	
Central fixing screw	M3 L=25mm	M3 L=25mm	
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	
M12 Connector type	Straight 180°	Straight 180°	
M12 contacts type	Male 3poles	Male 5poles	
Number of contacts connected	n°3	n°5	

Packaging

Qty/Bag	1pc / bag	1pc / bag	
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Other accessories options

See accessories section

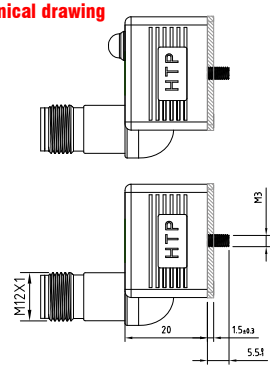
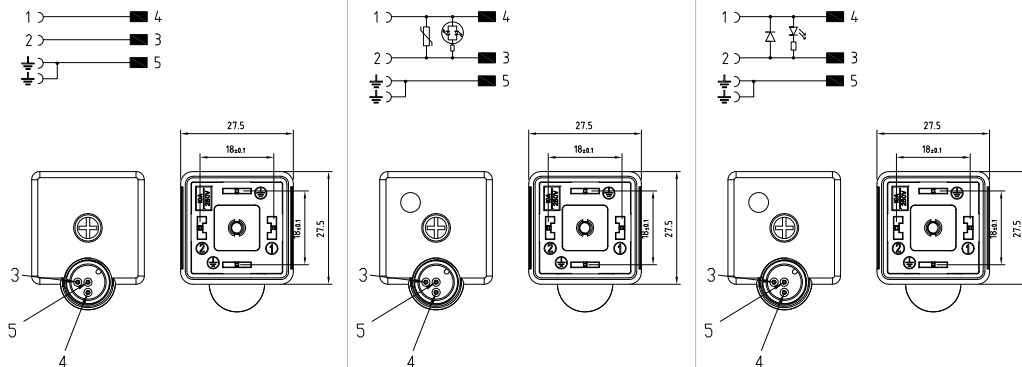
Notes:

Connector available with different led colour

Connector available with different led connection:
Q8 circuit (Green pin 2; Red pin 3)
Q1 circuit (Yellow pin 2; Green pin 3)

VALVE CONNECTORS

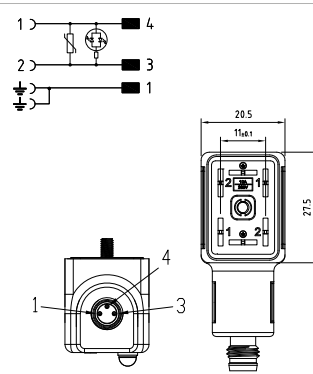
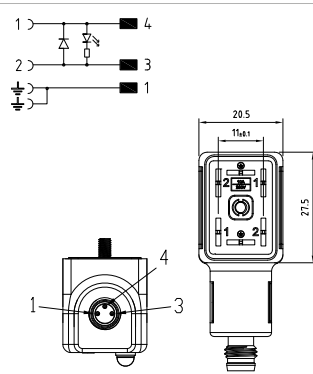
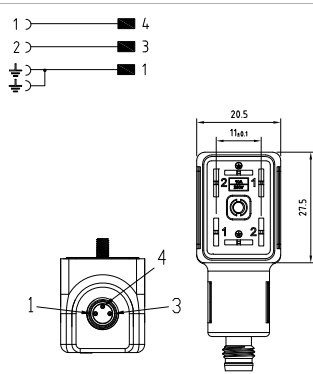
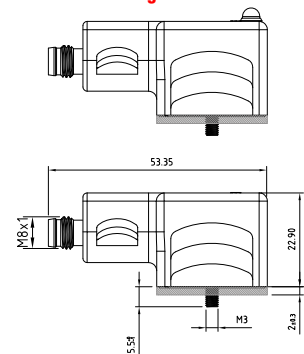


Technical drawing 			
			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	A	A	A
Part number	GBN02000C-12MD	GBN02VL1C-12MD	GBN02DL1C-12MD
Description	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.	Adapter square connector EN175301-803 (form A) top exit - M12 circular connector.
Contacts spacing	18mm	18mm	18mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	20mm	20mm	20mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12
Technical data			
Rated voltage	60V AC/DC	24V AC/DC	24V DC
Circuit type	-	Bipolar Led + Varistor	Led + Diode(1A)
Led colour	-	Red	Red
Central fixing screw	M3 L=22.5mm	M3 L=22.5mm	M3 L=22.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	Industrial	Industrial	EN175301-803
Construction type	B	B	B
Part number	M1N02000C-08MD3	M1N02DL1C-08MD3	M1N02VL1C-08MD3
Description	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.	Adapter rectangular industrial connector (form B) - M8 circular connector.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

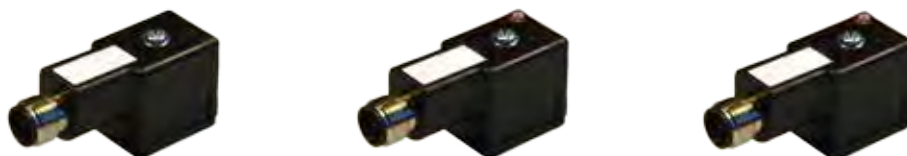
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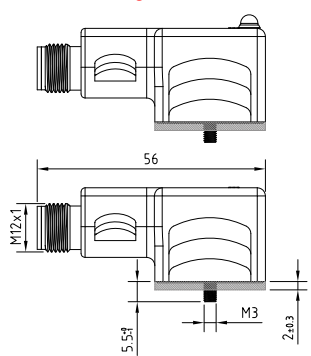
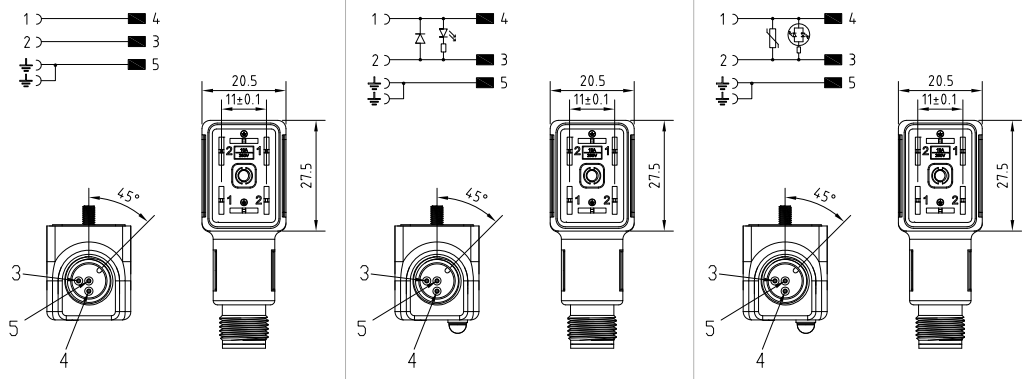
Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

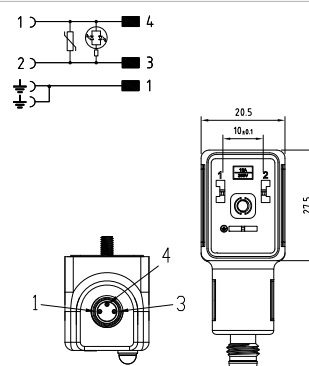
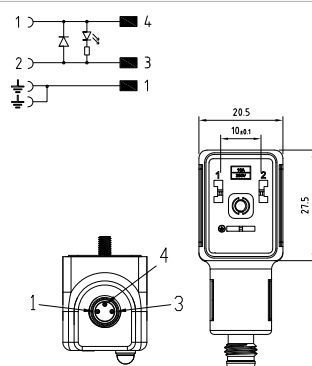
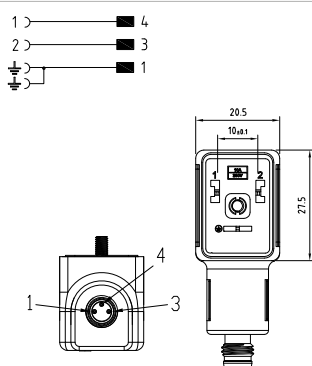
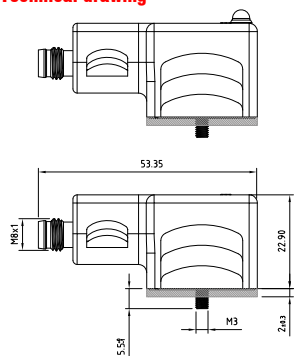


Technical drawing 			
			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial
Construction type	B	B	B
Part number	M1N02000C-12MD3	M1N02DL1C-12MD	M1N02VL1C-12MD
Description	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.	Adapter rectangular industrial connector (form B) - M12 circular connector.
Contacts spacing	11mm	11mm	11mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12
Technical data			
Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2N02000A-08MD3	M2N02DL1A-08MD3	M2N02VL1A-08MD3
Description	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M8 circular connector.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Height housing	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron + Zinc plated	Iron + Zinc plated	Iron + Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

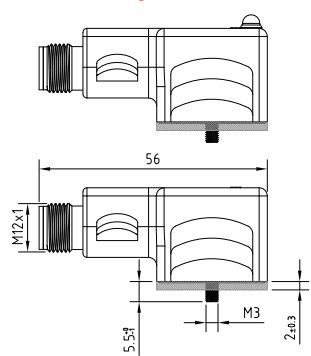
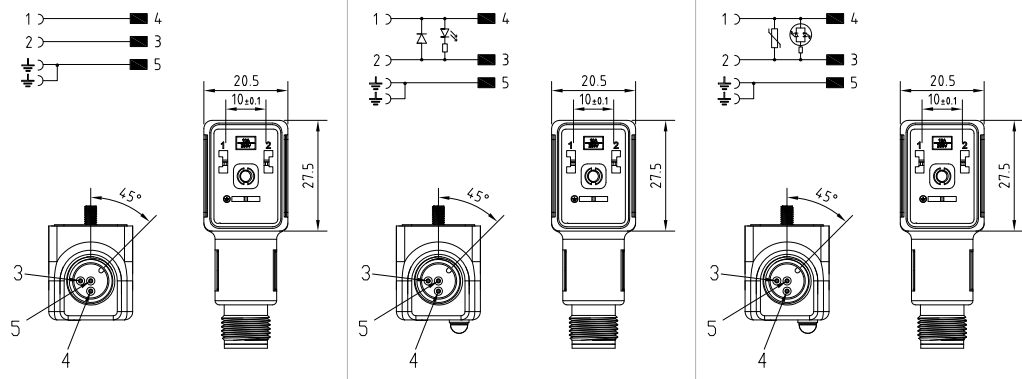
Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

VALVE CONNECTORS

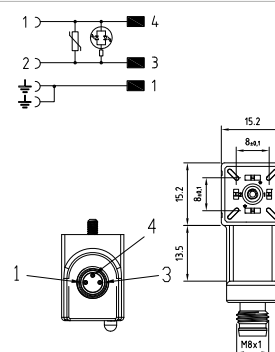
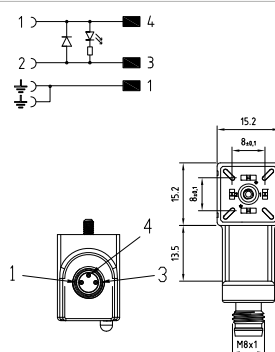
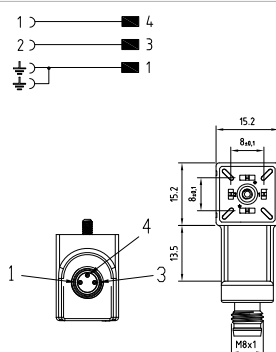
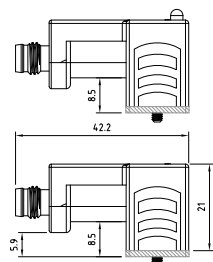


Technical drawing 			
			
Product description			
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	B	B	B
Part number	M2N02000A-12MD3	M2N02DL1A-12MD	M2N02VL1A-12MD
Description	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.	Adapter rectangular connector EN175301-803 (form B) - M12 circular connector.
Contacts spacing	10mm	10mm	10mm
Number of contacts	2poles + P.E.	2poles + P.E.	2poles + P.E.
Earth positioning	H.6	H.6	H.6
Housing colour	Black	Black	Black
Housing height	22.9mm	22.9mm	22.9mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12
Technical data			
Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=25mm	M3 L=25mm	M3 L=25mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3
Packaging			
Qty/Bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options			
See accessories section			
Notes:			
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour

VALVE CONNECTORS



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C
Part number	P1N02000C-08MD3	P1N02DL1C-08MD3	P1N02VL1C-08MD3
Description	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.	Adapter square connector EN175301-803 (form C) - M8 circular connector.
Contacts spacing	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

See accessories section

Notes:

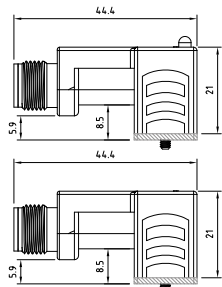
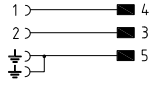
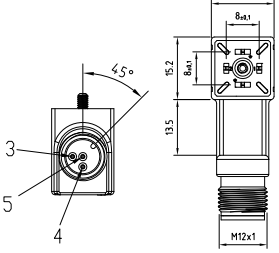
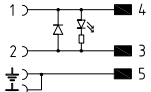
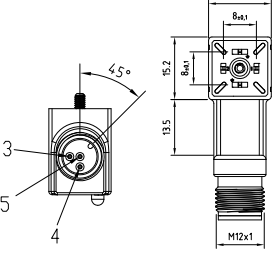
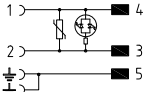
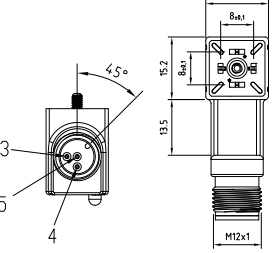
Connector available with different circuits

Connector available with different led colour

Connector available with different led colour

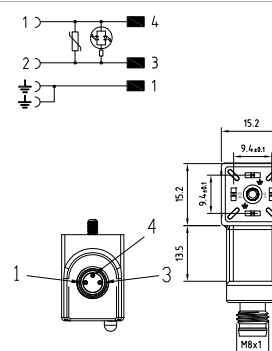
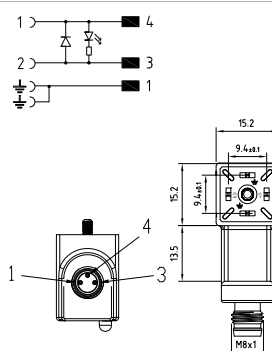
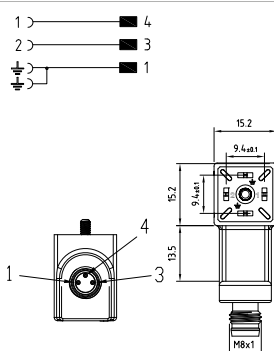
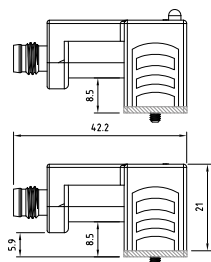
VALVE CONNECTORS



Technical drawing 		 	 	 
Product description				
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	EN175301-803	EN175301-803	EN175301-803	EN175301-803
Construction type	C	C	C	C
Part number	P1N02000C-12MD	P1N02DL1C-12MD	P1N02DL1C-12MD	P1N02VL1C-12MD
Description	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.	Adapter square connector EN175301-803 (form C) - M12 circular connector.
Contacts spacing	8mm	8mm	8mm	8mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black	Black
Housing height	21mm	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M12	M12	M12	M12
Technical data				
Rated voltage	60V AC/DC	24V DC	24V DC	24V DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	Bipolar Led + Varistor
Led colour	-	Red	Red	Red
Central fixing screw	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm	M2.5 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	0.5 N*m
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	Straight 180°
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3	n°3
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	1pc / bag
Other accessories options				
See accessories section				
Notes:				
	Connector available with different circuits	Connector available with different led colour	Connector available with different led colour	Connector available with different led colour



Technical drawing



Product description

Connector type	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector	Adapter DIN valve connector-M8 connector
Conforms to	Industrial	Industrial	Industrial
Construction type	C	C	C
Part number	P2N02000C-08MD3	P2N02DL1C-08MD3	P2N02VL1C-08MD3
Description	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.	Adapter square industrial micro connector (form C) - M8 circular connector.
Contacts spacing	9.4mm	9.4mm	9.4mm
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.
Earth positioning	H.6-12	H.6-12	H.6-12
Housing colour	Black	Black	Black
Housing height	21mm	21mm	21mm
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket
Circular connector type	M8	M8	M8

Technical data

Rated voltage	60V AC/DC	24V DC	24V AC/DC
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor
Led colour	-	Red	Red
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m
M8 Connector type	Straight 180°	Straight 180°	Straight 180°
M8 contacts type	Male 3poles	Male 3poles	Male 3poles
Number of contacts connected	n°3	n°3	n°3

Packaging

Qty/Bag	1pc / bag	1pc / bag	1pc / bag
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Other accessories options

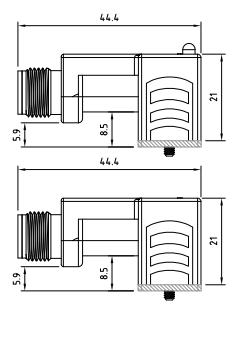
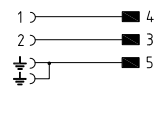
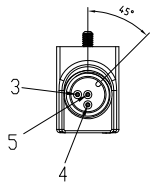
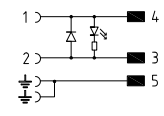
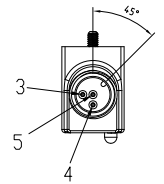
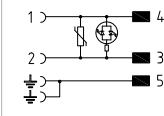
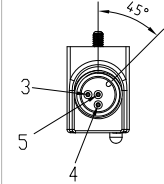
See accessories section

Notes:

Connector available with different circuits	Connector available with different led colour	Connector available with different led colour
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VALVE CONNECTORS



Technical drawing 		 	 	 
Product description				
Connector type	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector	Adapter DIN valve connector-M12 connector
Conforms to	Industrial	Industrial	Industrial	Industrial
Construction type	C	C	C	C
Part number	P2N02000C-12MD	P2N02DL1C-12MD	P2N02VL1C-12MD	
Description	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.	Adapter square industrial micro connector (form C) - M12 circular connector.	
Contacts spacing	9.4mm	9.4mm	9.4mm	
Number of contacts	2poles + 2P.E.	2poles + 2P.E.	2poles + 2P.E.	
Earth positioning	H.6-12	H.6-12	H.6-12	
Housing colour	Black	Black	Black	
Housing height	21mm	21mm	21mm	
Gasket type	Integrated NBR gasket	Integrated NBR gasket	Integrated NBR gasket	
Circular connector type	M12	M12	M12	
Technical data				
Rated voltage	60V AC/DC	24V DC	24V DC	
Circuit type	-	Led + Diode(1A)	Bipolar Led + Varistor	
Led colour	-	Red	Red	
Central fixing screw	M3 L=21.5mm	M3 L=21.5mm	M3 L=21.5mm	
Central fixing screw material	Iron+Zinc plated	Iron+Zinc plated	Iron+Zinc plated	
Central screw torque	0.5 N*m	0.5 N*m	0.5 N*m	
M12 Connector type	Straight 180°	Straight 180°	Straight 180°	
M12 contacts type	Male 3poles	Male 3poles	Male 3poles	
Number of contacts connected	n°3	n°3	n°3	
Packaging				
Qty/Bag	1pc / bag	1pc / bag	1pc / bag	
Other accessories options				
See accessories section				
Notes:				
Connector available with different circuits		Connector available with different led colour	Connector available with different led colour	

VALVE CONNECTORS

• SPECIFICATIONS:

The Digital Timer is a product for cyclical repetition control.
The load is supplied as soon as the power is switched on.
The "ON" button control is used to select the ON-time valve.
The "OFF" button control is used to select the OFF-time valve between the two sequential times.
The sequence is repeated as long as the power supply remains connected.
The "TEST" button is used to confirm the choice.
Two leds and the display are used to show the TIMER's phase.

• INSTALLATION INSTRUCTIONS:

STEP 1 : The DIN connector has to be connected on the TIMER and please make sure that the gasket is correctly placed and the screw is correctly tightened (0,5 N/m).

STEP 2 : Switch ON the power.
Note: the voltage must comply with the voltage mentioned on the coil.

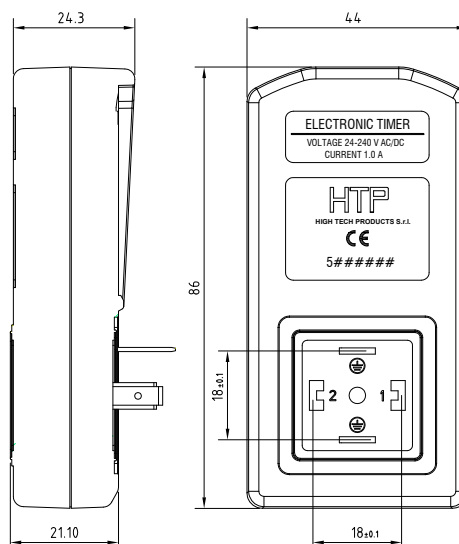
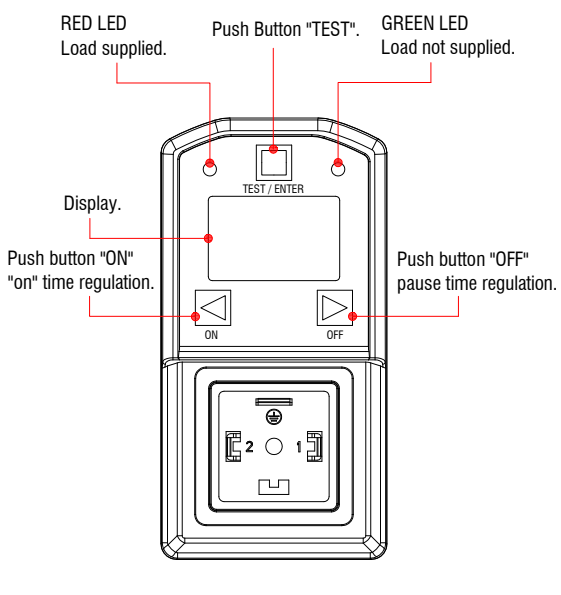
STEP 3 : When the unit is installed correctly and operative, you can change the pre-set values to whatever ranging from 0.5 sec. to 99 sec. for the ON time.
To change ON time simply press the "ON" button for 3 sec. and "sec" will start flashing on right side of the display.
The previously set ON time will appear on the display and the "on" led will be on.
You can now press the "on" button to increase the time or the "off" button to decrease the time.

STEP 4 : Press the "Test / Enter" button to confirm your choice.

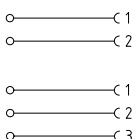
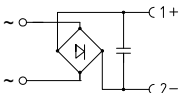
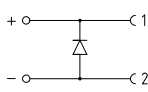
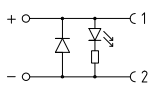
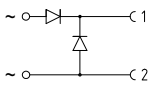
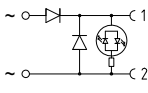
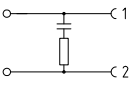
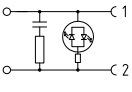
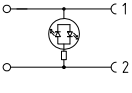
STEP 5 : You can change the pre-set values to whatever ranging from 0.5 min to 99 min. for the OFF time.
To change the OFF time simply press the "off" button for 3 sec. and "min" will start flashing on the right side of the display.
The previously set OFF time will appear on the display and the "off" led will be on.
You can now press the arrow "on" button for to increase the time or the "off" button to decrease the time.

STEP 6 : Press the "test/enter" button to confirm your choice.

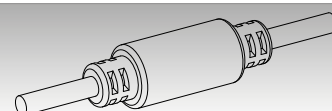
Product description	
Connector type	Digital Timer
Construction type	A
Part number	TIMER-DIG
Description	Digital Timer suitable for EN175301-803 connectors (type A)
Contacts spacing	18mm
Number of contacts	2poles + P.E.
Earth positioning	H.12
Housing colour	Black
Timer dimensions	44mm x 86mm x 24.3mm
Gasket type	Flat NBR gasket
Technical data	
Type of termination	Valve Connector EN175301-803 (type A) Valve Base EN175301-803 (type A)
Rated voltage	24V...240V AC/DC 50/60 Hz
Value accuracy	±10%
Max. Current	1 A
Temperature Range	- 10°C +50°C
Led colour	ON time : Red ; OFF time : Green
ON Time	From 0 sec. to 9 sec. ; step 0.5sec. From 10 sec. to 99 sec. ; step 1 sec.
OFF Time	From 0 min. to 9.5 min. ; step 0.5 min. From 10 min. to 99 min. ; step 1 min.
Central fixing screw	M3 L=55mm
Central fixing screw material	Iron+Zinc plated
Central screw torque	0.5 N*m
Material	
Housing material	ABS
Contacts material	Brass + Silver plated
Packaging	
Qty/Box	1pc / box



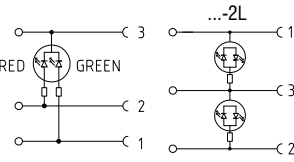
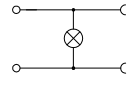
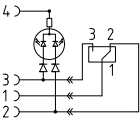
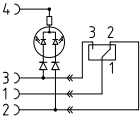
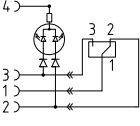
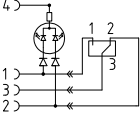
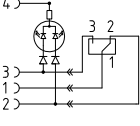
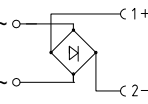
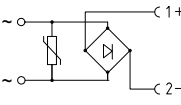
VALVE CONNECTORS

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		250V 300V	00	-	Circuit without electronic components.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		10-230V	CR	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Condenser to reduce the ripple on the output.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
DC		1-230V	D0	-	Circuit with Diode to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
DC		12V 24V 48V 115V 230V	DG DL DV	Yellow Red Green	Circuit with Diode to give overvoltage protection when switching off supply and unipolar indicator Led to confirm voltage supply. Must be respected the polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		1-230V	E1	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC		12V 24V 48V 115V 230V	EG EL EV	Yellow Red Green	Circuit with Half-wave rectifier + Diode to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		10-230V	F0	-	RC decay circuit to dissipate high energies generate by highly inductive loads.	G1 - G1C G4	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V 24V 48V 115V 230V	FG FL FV	Yellow Red Green	RC decay circuit to dissipate high energies generate by highly inductive loads and bipolar indicator Led to confirm voltage supply.	G1-G1C G4	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC / DC		12V 24V 48V 115V 230V	L8 L0 L9	Yellow Red Green	Circuit with bipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C

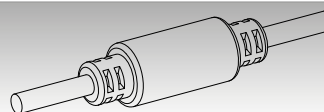
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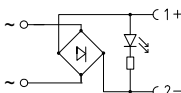
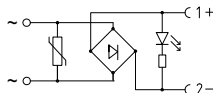
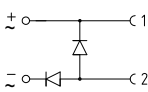
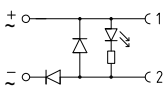
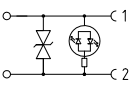
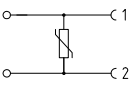
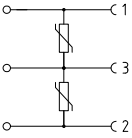
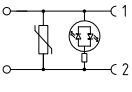
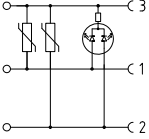
VALVE CONNECTORS

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	L2	PIN 1:Green PIN 2:Red	Circuit with n°1 bicolour indicator Led. Circuit without protection components.	G1 - G1C G4	-
			L2... -2L	Red	Circuit with n°2 bipolar indicator Leds. Circuit without protection components.		
AC / DC		12V 24V 48V 115V 230V	P0	White	Circuit with filament lamp indicator to confirm voltage supply. Circuit without protection components.	G1 - G1C G4 M1 M2	-
DC		12V 24V 48V 115V 230V	Q0	PIN 2:Red PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1-G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q1	PIN 2:Yellow PIN 3:Green	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q2	PIN 2:Green PIN 3:Yellow	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
DC		12V 24V 48V 115V 230V	Q6	PIN 1:Green PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 G4	CG1
DC		12V 24V 48V 115V 230V	Q8	PIN 2:Green PIN 3:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Diodes to give overvoltage protection when switching off supply. Must be respected the polarity direction.	G1 - G1C G4	CG1
AC		1-230V	R0	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC). Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RV	-	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*

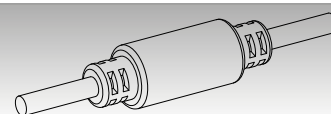
* = Product available with case overmoulded on the cable.



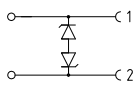
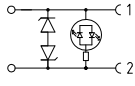
VALVE CONNECTORS

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC		12V 24V 48V 115V 230V	RE	Red	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and unipolar indicator Led to confirm voltage supply. Circuit without protection components.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
AC		12V 24V 48V 115V 230V	RG	Yellow	Circuit with Full-wave rectifier to polarize the output current (DC) independently to input current type (AC) and Varistor to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply.	G1 G4 M1 M2	CG1 CM2* CGB CP1* CM1* CP2* CM1B* CP2C*
			RL	Red			
AC / DC		1-230V	SO	-	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC / DC		12V 24V 48V 115V 230V	SG	Yellow	Circuit with Half-wave rectifier and Diode to give overvoltage protection when switching off supply + unipolar indicator Led to confirm voltage supply. With AC it eliminates half a cycle.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
			SL	Red			
			SV	Green			
AC / DC		12V 24V 48V 115V 230V	TG	Yellow	Circuit with Transient suppressor (Transil) to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			TL	Red			
			TV	Green			
AC / DC		12V 24V 48V 115V 230V	V0	-	Circuit with Varistor to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
AC / DC		12V 24V 48V 115V 230V	V2	-	Circuit with n°2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4	CG1 CGB CP1* CP2* CP2C*
AC / DC		12V 24V 48V 115V 230V	VG	Yellow	Circuit with Varistor to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply. Circuit protection component independent of polarity direction.	G1-G1C G4 M1 M2 P1 P2	CG1 CM2 CGB CP1 CM1 CP2 CM1B CP2C
			VL	Red			
			VV	Green			
AC / DC		12V 24V 48V 115V 230V	WL	PIN 1:Yellow PIN 2:Red	Circuit with Bicolour Led to show the position of the changeover contact (ex. pressure switches) and n°2 Varistors to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1-G1C G4	CG1 CGB CP1* CP2* CP2C*



* = Product available with case overmoulded on the cable.



VALVE CONNECTORS

Input type	Wiring diagram	Rated voltage	Circuit code	Led colour	Circuit description	Product type field attachable	Product type with cable
AC / DC		12V 24V 48V 115V 230V	Z2	-	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
AC / DC		12V	ZG	Yellow	Circuit with n°2 Zener diodes to give overvoltage protection when switching off supply and bipolar indicator Led to confirm voltage supply. Circuit protection component independent of polarity direction.	G1 - G1C G4 M1 M2	CG1 CM2 CGB CP1* CM1 CP2* CM1B CP2C*
		24V	ZL	Red			
		48V 115V 230V	ZV	Green			

NOTES:

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 The circuits with **Full-wave rectifier** component, are available also with 4diodes instead of only one component. Add on the standard code the suffix - 4D.
- All the circuits with diodes are standard delivered for rated current 1A, but on customer request are also available diodes for rated current 3A.
- All the circuits with unipolar or bipolar leds are standard delivered in RED colour.
- The minimum lenght of the cable requested between the overmoulded connector head and moulded case is 100mm.
- In case of other circuits or components are requested please contact us to verify the feasibility.

*** = Product available with case overmoulded on the cable.**

