






## CABLES LIST

## CABLE LIST

Code	Material	Type of cable	Colour	Section	No.core	Cable ø mm ±0.3	Temperature range °C	Form A - B	Form C
01	PVC/PVC	IEC332-1 H03VVF	Black	0.50mm <sup>2</sup>	3	ø5mm	-20°C / +80°C	●	●
A1	PVC/PVC	IEC332-1 H03VVF	Black	0.50mm <sup>2</sup>	2	ø5mm	-20°C / +80°C	●	●
B1	PVC/PVC	IEC332-1 H03VVF	Black	0.50mm <sup>2</sup>	4	ø6mm	-20°C / +80°C	●	●
02	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	3	ø6.7mm	-20°C / +80°C	●	
A2	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	2	ø6mm	-20°C / +80°C	●	
B2	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	4	ø7mm	-20°C / +80°C	●	
C2	PVC/PVC	IEC332-1 H05VVF	Black	0.75mm <sup>2</sup>	5	ø8.3mm	-20°C / +80°C	●	
03	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	3	ø5.5mm	-20°C / +80°C	●	
A3	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	2	ø6mm	-20°C / +80°C	●	
04	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.50mm <sup>2</sup>	3	ø5mm	-20°C / +80°C	●	●
A4	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.50mm <sup>2</sup>	2	ø5mm	-20°C / +80°C	●	●
B4	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.50mm <sup>2</sup>	4	ø6mm	-20°C / +80°C	●	●
05	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	4	ø7mm	-20°C / +80°C	●	
C5	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	0.75mm <sup>2</sup>	5	ø8.3mm	-20°C / +80°C	●	
06	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	1mm <sup>2</sup>	3	ø6.7mm	-20°C / +80°C	●	
A6*	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	1mm <sup>2</sup>	2	ø6.7mm	-20°C / +80°C	●	
B6*	PVC/PVC	CEI2022 II F.R.O.R.	Grey RAL7032	1mm <sup>2</sup>	4	ø7.2mm	-20°C / +80°C	●	
07*	PVC/PVC	CEI2022 II F.R.O.R. SHIELDED	Grey RAL7032	1mm <sup>2</sup>	3	ø7.2mm	-20°C / +80°C	●	
A7*	PVC/PVC	CEI2022 II F.R.O.R. SHIELDED	Grey RAL7032	1mm <sup>2</sup>	2	ø6.7mm	-20°C / +80°C	●	
B7*	PVC/PVC	CEI2022 II F.R.O.R. SHIELDED	Grey RAL7032	1mm <sup>2</sup>	4	ø8.3mm	-20°C / +80°C	●	
08*	PUR/PVC		Black	0.50mm <sup>2</sup>	3	ø5mm	-40°C / +80°C	●	●
A8*	PUR/PVC		Black	0.50mm <sup>2</sup>	2	ø5mm	-40°C / +80°C	●	●
B8*	PUR/PVC		Black	0.50mm <sup>2</sup>	4	ø6mm	-40°C / +80°C	●	●
C8*	PUR/PVC		Black	0.50mm <sup>2</sup>	5	ø6.5mm	-40°C / +80°C	●	
09*	PUR/PVC		Black	0.75mm <sup>2</sup>	3	ø6mm	-40°C / +80°C	●	
A9	PUR/PVC		Black	0.75mm <sup>2</sup>	2	ø6mm	-40°C / +80°C	●	
B9*	PUR/PVC		Black	0.75mm <sup>2</sup>	4	ø7.2mm	-40°C / +80°C	●	
10*	PUR/PUR	Li-YY11Y	Black	0.50mm <sup>2</sup>	3	ø5mm	-40°C / +80°C	●	●
AA*	PUR/PUR	Li-YY11Y	Black	0.50mm <sup>2</sup>	2	ø5mm	-40°C / +80°C	●	●
AB*	PUR/PUR	Li-YY11Y	Black	0.50mm <sup>2</sup>	4	ø6.7mm	-40°C / +80°C	●	●
11*	PUR/PUR	Li-YY11Y	Black	0.75mm <sup>2</sup>	3	ø6.7mm	-40°C / +80°C	●	
BA*	PUR/PUR	Li-YY11Y	Black	0.75mm <sup>2</sup>	2	ø6.5mm	-40°C / +80°C	●	
BB*	PUR/PUR	Li-YY11Y	Black	0.75mm <sup>2</sup>	4	ø7.2mm	-40°C / +80°C	●	
13*	PVC/PVC	IEC332-1 H03VVF	Black	1mm <sup>2</sup>	2	ø6mm	-20°C / +80°C	●	
14*	PVC/PVC	CEI2022 II F.R.O.R.	Black	1mm <sup>2</sup>	3	ø6.7mm	-20°C / +80°C	●	
16*	PVC/PVC	UL style 21179	Black	18 AWG	3	ø6.7mm	-20°C / +80°C	●	

















\* = Cables with minimum quantity required.

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Code	Material	Type of cable	Colour	Section	No.core	Cable ø mm ±0.3	Temperature range °C	M8	M12	M9	M8 	M12 	
<b>K</b>	PVC/PVC	CEI2022	Black	0.14mm <sup>2</sup>	3 *	ø2.6mm	-20°C / +80°C	●	●				
					12	ø6.5mm	-20°C / +80°C		●				
<b>A</b>	PVC/PVC	CEI2022	Black	0.25mm <sup>2</sup>	2 *	ø3.5mm	-20°C / +80°C	●	●				
					3	ø 4mm	-20°C / +80°C	●	●				
					4	ø 4.4mm	-20°C / +80°C	●	●				
					5	ø 4.7mm	-20°C / +80°C		●				
					8	ø 6mm	-20°C / +80°C		●				
<b>B</b>	PVC/PVC	CEI2022	Black	0.34mm <sup>2</sup>	2 *	ø 4.8mm	-20°C / +80°C	●	●				
					3 *	ø 4.8mm	-20°C / +80°C	●	●				
					4	ø 5.2mm	-20°C / +80°C	●	●				
					5 *	ø 5.5mm	-20°C / +80°C		●				
8	ø 6.5mm	-20°C / +80°C		●									
<b>N</b>	PVC/PVC	CEI2022	Grey RAL7032	0.25mm <sup>2</sup>	2	ø3.5mm	-20°C / +80°C	●	●				
					3	ø 4mm	-20°C / +80°C	●	●				
					4	ø 4.4mm	-20°C / +80°C	●	●				
					5 *	ø 4.7mm	-20°C / +80°C		●				
<b>L</b>	PVC/PVC	CEI2022	Grey RAL7032	0.34mm <sup>2</sup>	2 *	ø 4.8mm	-20°C / +80°C	●	●				
					3	ø 4.8mm	-20°C / +80°C	●	●				
					4	ø 5.2mm	-20°C / +80°C	●	●				
					5	ø 5.5mm	-20°C / +80°C		●				
<b>8 *</b>					8 *	ø 6.5mm	-20°C / +80°C		●				
					8 *	ø 6.5mm	-20°C / +80°C		●				
					8 *	ø 6.5mm	-20°C / +80°C		●				
					8 *	ø 6.5mm	-20°C / +80°C		●				
<b>H</b>	PUR/PUR		Black	0.14mm <sup>2</sup>	3 *	ø2.6mm	-40°C / +80°C	●	●				
					12 *	ø6mm	-40°C / +80°C		●				
<b>C</b>	PUR/PUR		Black	0.25mm <sup>2</sup>	2 *	ø 3.5mm	-40°C / +80°C	●	●				
					3 *	ø 4mm	-40°C / +80°C	●	●				
					4 *	ø 4.4mm	-40°C / +80°C	●	●				
					5 *	ø 4.7mm	-40°C / +80°C		●				
					8 *	ø 6mm	-40°C / +80°C		●				
<b>C-K6-IS</b>	PUR/TPO	 ULstyle 21576 	Black	0.25mm <sup>2</sup>	3	ø4.1mm	-30°C / +80°C	●	●		●		
					4	ø4.7mm	-30°C / +80°C	●	●				
					5	ø5.1mm	-30°C / +80°C		●				
					8	ø6.3mm	-30°C / +80°C		●			●	
<b>D</b>	PUR/PUR		Black	0.34mm <sup>2</sup>	2 *	ø 4.8mm	-40°C / +80°C	●	●				
					3 *	ø 4.8mm	-40°C / +80°C	●	●				
					4 *	ø 5.2mm	-40°C / +80°C		●				
					5 *	ø 5.5mm	-40°C / +80°C		●				
					8 *	ø 6.5mm	-40°C / +80°C		●				







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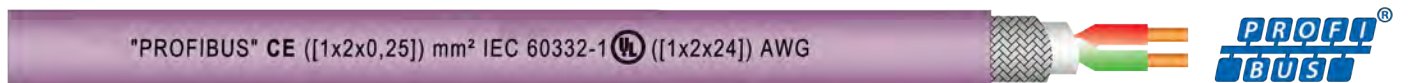
Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
<b>D-K6-IS</b>	PUR/TPO	 ULstyle 21576 	Black	AWG 22 (0.34mm <sup>2</sup> )	4	ø4.8mm	-30°C / +80°C	●	●		●	●
					5	ø5.3mm	-30°C / +80°C		●		●	
<b>J</b>	PVC/PVC	CEI2022 SHIELDED 	Black	0.25mm <sup>2</sup>	2 *	n.a.	-20°C / +80°C	●	●			
					3 *	n.a.	-20°C / +80°C	●	●			
					4 *	ø4.8mm	-20°C / +80°C	●	●			
					5 *	ø5.2mm	-20°C / +80°C		●	●		
					8 *	ø6.5mm	-20°C / +80°C		●			
<b>F</b>	PVC/PVC	CEI2022 SHIELDED 	Black	0.34mm <sup>2</sup>	2 *	n.a.	-20°C / +80°C	●	●			
					3 *	n.a.	-20°C / +80°C	●	●			
					4 *	ø5.5mm	-20°C / +80°C	●	●			
					5 *	ø6mm	-20°C / +80°C		●			
					8 *	n.a.	-20°C / +80°C		●			
<b>Q</b>	PVC/PVC	CEI2022 SHIELDED 	Grey RAL7032	0.25mm <sup>2</sup>	2 *	n.a.	-20°C / +80°C	●	●			
					3 *	n.a.	-20°C / +80°C	●	●			
					4	ø4.8mm	-20°C / +80°C	●	●			
					5 *	ø5.2mm	-20°C / +80°C		●	●		
					8 *	n.a.	-20°C / +80°C		●			
<b>R</b>	PVC/PVC	CEI2022 SHIELDED 	Grey RAL7032	0.34mm <sup>2</sup>	2 *	n.a.	-20°C / +80°C	●	●			
					3 *	n.a.	-20°C / +80°C	●	●			
					4 *	ø5.5mm	-20°C / +80°C	●	●			
					5 *	ø6mm	-20°C / +80°C		●	●		
					8 *	n.a.	-20°C / +80°C		●			
<b>U</b>	PUR/PUR	SHIELDED 	Black	0.25mm <sup>2</sup>	2 *	n.a.	-40°C / +80°C	●	●			
					3 *	ø4.4mm	-40°C / +80°C	●	●			
					4	ø4.8mm	-40°C / +80°C	●	●			
					5 *	ø5.2mm	-40°C / +80°C		●	●		
					8	n.a.	-40°C / +80°C					
<b>U-K6-IS</b>	PUR/TPO	 ULstyle 21576 SHIELDED  	Black	AWG 24 (0.25mm <sup>2</sup> )	8	ø7mm	-30°C / +80°C		●			●
<b>G</b>	PUR/PUR	SHIELDED 	Black	0.34mm <sup>2</sup>	2 *	n.a.	-40°C / +80°C	●	●			
					3 *	ø4.8mm	-40°C / +80°C	●	●			
					4 *	ø5.5mm	-40°C / +80°C	●	●			
					5 *	ø6mm	-40°C / +80°C		●	●		
					8 *	n.a.	-40°C / +80°C		●			
<b>G-K6-IS</b>	PUR/TPO	 ULstyle 21576 SHIELDED  	Black	AWG 22 (0.34mm <sup>2</sup> )	5	ø5.4mm	-30°C / +80°C		●	●		●





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Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
81-K6-IS*	PUR / Polyolefin	ULstyle 20234 SHIELDED  	Orange RAL2003 Desina	AWG 16 (1.5mm <sup>2</sup> )	4	$\varnothing 8.6$ mm	-30°C / +80°C		●			●







Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
T-K6-IS	PUR / Polyolefin	ULstyle 444 SHIELDED  	Violet RAL4001 Desina	AWG 24 (0.25mm <sup>2</sup> )	1 x 2	$\varnothing 8.2$ mm	-30°C / +70°C		●			●







Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
21-IS	PVC / Polyolefin	ULstyle 2464 SHIELDED DEVICENET  	Violet RAL4001 Desina	AWG 24 AWG 22	1x 2 + 1 x 2	$\varnothing 7$ mm	-30°C / +80°C		●			●



Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
71-K6-IS	PUR / Polyolefin	ULstyle 20236 SHIELDED ETHERNET CAT.5E  	Green RAL6016	AWG 26 (0.14mm <sup>2</sup> )	4 x 2	$\varnothing 7.2$ mm	-30°C / +70°C		●			



Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	M8	M12	M9	M8 	M12 
40-K6-IS	PUR / Polyolefin	ULstyle 21576 SHIELDED PROFINET  	Green RAL6018	AWG 22 (0.34mm <sup>2</sup> )	4	$\varnothing 6.7$ mm	-30°C / +80°C		●			


\* = Cables with minimum quantity required.

## CABLE LIST

### • CABLE OF M8 DISTRIBUTION BOXES :

Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	BOX SINGLE SIGNAL				
								4 POS.	6 POS.	8 POS.	10 POS.	12 POS.
V-2+8	PVC /PVC	CEI2022II O.R.	Black	2x0.50mm <sup>2</sup> 8x0.25mm <sup>2</sup>	2+8	$\varnothing 9$ mm	-20°C / +80°C	●	●	●		
V-2+12	PVC /PVC	CEI2022II O.R.	Black	2x0.50mm <sup>2</sup> 12x0.25mm <sup>2</sup>	2+12	$\varnothing 10$ mm	-20°C / +80°C				●	●
P-2+8	PUR /PUR		Black	2x0.50mm <sup>2</sup> 8x0.25mm <sup>2</sup>	2+8	$\varnothing 9$ mm	-40°C / +80°C	●	●	●		
P-2+12	PUR /PUR		Black	2x0.50mm <sup>2</sup> 12x0.25mm <sup>2</sup>	2+12	$\varnothing 10$ mm	-40°C / +80°C				●	●

### • CABLE OF M12 DISTRIBUTION BOXES :

Code	Material	Type of cable	Colour	Section	No.core	Cable $\varnothing$ mm $\pm 0.3$	Temperature range °C	BOX SINGLE SIGNAL			BOX DOUBLE SIGNAL		
								4 POS.	6 POS.	8 POS.	4 POS.	6 POS.	8 POS.
V-3+8	PVC /PVC	CEI2022II O.R.	Black	3G0.75mm <sup>2</sup> 8x0.34mm <sup>2</sup>	3+8	$\varnothing 8.80$ mm	-20°C / +80°C	●	●	●	●		
V-3+16	PVC /PVC	CEI2022II O.R.	Black	3G0.75mm <sup>2</sup> 16x0.34mm <sup>2</sup>	3+16	$\varnothing 10.60$ mm	-20°C / +80°C					●	●
P-3+8-K6-IS	PUR /TPO	 ULstyle 20549 	Black	3G0.75mm <sup>2</sup> 8x0.34mm <sup>2</sup>	3+8	$\varnothing 8.80$ mm	-40°C / +80°C	●	●	●	●		
P-3+16-K6-IS	PUR /TPO	 ULstyle 20549 	Black	3G0.75mm <sup>2</sup> 16x0.34mm <sup>2</sup>	3+16	$\varnothing 10.60$ mm	-40°C / +80°C					●	●

\* = Cables with minimum quantity required.