

MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

5.0m PUR 16x0,34+5x0,75, UL/CSA

8-way, 5-pole, DIAGNOSTIC

5.0 m

Operating current: 2 A per M12 (female)

integrated electronic current monitoring with shutoff

electronic diagnostic with ERROR LED

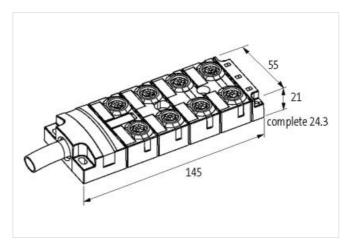
Further cable lengths on request.

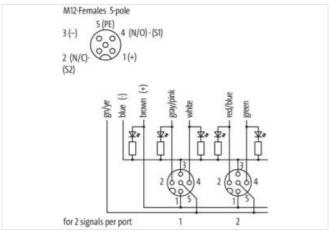
All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-reseting). Supply voltage of other ports remains the same. In case of a fault the DIAGNOSTIC signal "active high" to the PLC (wire "brown" 2) drops from 24 V DC to 0 V. The operator can immediately react by analysing the diagnostic signal.

Link to Product

Illustration







Product may differ from Image



Commercial data



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ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879063487
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current consumption max.	35 mA
Total current max.	10 A
Electrical data Input	
Current input full equipment min.	20 A
Current carrying capacity per port max.	2,5 A
Electrical data Output	_,~ .
	active high
Diagnostic output Current diagnostic output max.	active high 25 mA
	ZU IIIM
Diagnostics	
Status indication LED	green, red
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68
Additional condition protection degree	inserted, screwed
Overload resistant	yes
Short-circuit protected	yes
Short circuit current min.	2,3 A
Short circuit current max.	2,7 A
Overload current min.	2,3 A
Overload current max.	2,7 A
Mechanical data Material data	
Coating housing	Nickeled
Material housing	Zinc die-casting
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Height	145 mm
Width	55 mm
Depth	21 mm
Environmental characteristics Climatic	
Operating temperature min.	-20 °C 60 °C
Operating temperature max.	00 C
Conformity	
Product standard	EN 61131-2
Installation Cable	
Cable identification	403

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



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June Color Grey	Printing color of wire insulation	white (isolation blue), white (isolation brown)
Type of Certificate cURus Annount standing 1 Sirending storm min. 70 mm Stranding storm min. 70 mm Annount stranding type 2 1 Stranding factor min. 70 mm Annount stranding type 2 1 Stranding factor min. 70 mm Stranding factor min. 70 mm Annount stranding type 2 1 Stranding factor min. 70 mm Platerial picket 70 stranding factor min. 70 mm Stranding factor min. 70 m		
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Stranding factor min. 70 mm Stranding factor min. 70 mm Amount stranding (type 2) 11 streaming factor min. 70 mm Amount stranding (type 2) 12 few secounter-rotating twisted Stranding factor min. (type 2) 15 stranding factor min. (type 2) 16 mm Stranding factor min. (type 2) 16 mm Stranding factor min. (type 2) 165 mm Strandi	··	
Stranding factor min. 70 mm Stranding factor min. 70 mm Stranding factor max. 70 mm Stranding factor max. 70 mm Stranding factor min. (yope 2) 16 wires counter-rotating twisted Stranding factor min. (yope 2) 105 mm Filledr yes wire arrangement (gray pink. violet, brown-gray, black, gray white, end, brown-yallow, pink, yallow, white, yallow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yallow, blue 1 Obelie weight 255 gm Maternal jacket PUR Strore hardness jacket 85 + 5 Shore A Freedom from ingredients (jacket) 115, mm Tolerance outer diameter (picket) 115, mm Tolerance outer diameter (picket) 15 % Maternal vire insulation TPE Amount wires Outer diameter insulation 1,8 mm Outer diameter insulation 2,5 % Shore hardness ware insulation 1,8 mm Outer diameter insulation 2,5 % Shore hardness ware insulation 1,8 mm Outer diameter insulation 2,5 % Shore hardness ware insulation 1,4 mm Tolerance outer diameter insulation (pink) 1,4 mm Tolerance outer diameter insulation (pink) 2,5 % Diameter of single wires 0,1 mm Tolerance outer diameter insulation (pink) 5,5 % Diameter of single wires 0,1 mm Tolerance outer diameter insulation (pink) 5,5 % Shore D Injury diameter insulation (pink) 5,5 % Shore D Injury diameter insulation (pink) 5,5 % Shore D Injury diameter of single wires (pink) 4,2 mm Tolerance outer diameter wire insulation (pink) 5,5 % Shore D Injury diameter of single wires (pink) 5,5 % Shore D Injury diameter of single wires (pink) 5,5		·
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Stranding (type 2) 16 wires counter-rotating twisted Stranding factor min. (type 2) 105 mm Banding Fleece Fleece Fleece Filter yes wire arrangement (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, gray, brown 1, blue 2, brown 2, green-yellow, blue 1 No. of bending cycles (C-track) 5 Mio, @ 25 °C Gable weight 25 gray Material jacket PUR Shore hardness jacket 85 ± 5 Shore A 65 ± 5 Shore A 70 mm ingredients (jacket) 11.5 mm Tolerance outer diameter (gaket) 11.5 mm Tolerance outer diameter (gaket) 11.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 5 5 Outer diameter broadcare core insulation 55 ± 5 Shore D 1 Ingredient teneress wire insulation 45 ± 5 % Shore hardness wire insulation 45 ± 5 5 5 Shore D 1 Ingredient feneress wire insulation 45 ± 5 5 Shore D 1 Ingredient feneress wire insulation 45 ± 5 5 Shore D 1 Ingredient feneress wire insulation 45 ± 5 5 Shore D 1 Ingredient feneress wire insulation 45 ± 5 5 Shore D 1 Ingredient feneress wire insulation (Data) 7 TPE Material conductor wire 5 Stranded copper wire, barrie Outer diameter wire insulation (Data) 7 TPE Material conductor wire 5 Shore D 1 Ingredient feneress wire insulation (Data) 7 TPE Outer diameter wire insulation (Data) 7 TPE Amount strands (Weie) 9.5 ± 5 Shore D 1 Ingredient feneress wire insulation (Data) 7 TPE Diameter of single wires (Data) 4.2 Diameter of single wires (Data) 9.3 mm Amount wires (Data) 9.4 mm Conductor crossection wire (Data) 9.4 mm	-	
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Banding Fleece Filter yes (gray-pilk, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, groen-white, green, rod-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1 No. of bending cycles (C-track) 5 Mise, 26 25 °G Cable weigith 253 g/m Material picket PUR Shore hardness jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Tolerance outer diameter (sheath) 1.5 mm Outer-diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 5 Coulcuf diameter tolerance core insulation 1.8 mm Outer diameter insulation 1.8 mm Outer diameter insulation 55 ± 5 Shore D Ingredient freeness wire insulation 1.9 mm Outer diameter tolerance core insulation 4 ± 5 % Shore hardness wire insulation 1.9 mm Outer diameter tolerance core insulation 4 ± 5 % Frenting polor of wire insulation 1.9 mm Outer diameter folerance core insulation 1.0 mm Outer diameter insulation (miser) 9.6 mm Diameter of single wires 0.1 mm Conductor type (wire) 5 strand diase 6 Material write insulation (Data) 1.4 mm Tolerance outer diameter wire insulation (Data) 1.4 mm Toleran	* '** '	
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(gray pink, violet, brown-gray, black, gray white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1		
	Filler	·
Cable weight 253 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 5 Outer diameter insulation 1,8 mm Outer diameter insulation 5 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation white (solation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor pyse (wire) 0,75 mm² Material wire insulation (wire) 96 Material wire insulation (Data) TPE Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor or sessedion (view) 75 mm² Material wire insulation (Data) 1,4 mm </td <td></td> <td>yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1</td>		yellow, green-white, green, red-blue, white), brown 1, blue 2, brown 2, green-yellow, blue 1
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) tead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (shoath) ± 5 % Material wire insulation TPE Amount wires 5 Outer diameter insulation 1,8 mm Outer diameter berance core insulation ± 5 % Shore hardness wire insulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation white (solation blue), white (solation brown) Ingredient freeness wire insulation white (solation blue), white (solation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor type (wire) 9.75 mm² Material wire insulation (Data) TPE Outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (data) ± 5 % Shore hardness wire insulation (data) ± 5 % Shore hardness wire insulation (data) ± 5 % Shore h		
Shore hardness jacket		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free	Material jacket	
Outer-diameter (jacket) 11,5 mm Tolerance outer diameter (sheath)	<u> </u>	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 5 Courder diameter insulation 1,8 mm Outer diameter insulation 55 ± 5 Shore D Ingredient freeness wire insulation 45 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation 65 ± 5 Shore D Ingredient freeness wire insulation 65 ± 5 Shore D Ingredient freeness wire insulation 64 free, CFC-free, halogen-free, LABS-free P Printing color of wire insulation 96 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1.4 mm Tolerance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount wires (Data) 16 Amount wires (Data) 16 Amount wires (Data) 16 Amount strands wire (Data) 0,1 mm Conductor crosssection wire (Data) 0,1 mm Conductor crosssection wire (Data) 0,1 mm Conductor wire (Data) 5 faraded copper wire, bare Wire conductor wire (Data) 5 faraded copper wire, bare Wire conductor wire (Data) 5 faraded copper wire, bare Wire conductor wire (Data) 5 faraded copper wire, bare Wire conductor wire (Data) 5 faraded copper wire, bare Wire conductor yee (Data) 5 faraded copper wire, bare Wire conductor yee (Data) 5 faraded copper wire, bare Wire conductor yee (Data) 5 faraded copper wire, bare Wire conductor yee (Data) 5 faraded copper wire, bare Wire conductor yire (Data) 5 faraded copper wire, bare Wire conductor yire (Data) 5 faraded copper wire, bare Wire conductor yire (Data) 5 faraded copper wire, bare Wire conductor yire (Data) 5 faraded copper wire, bare Electrical resistance line constant wire 9 A Current load capacity min. Wire 0 A Electrical resistance conting wire (Data) 5 faraded copper wire, bare Electrical resistance conting wire (Data) 5 faraded collage power (con	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Material wire insulation TPE Amount wires 5 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,8 mm Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, silicone-free, LABS-free Printing color of wire insulation white (isolation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor vires 0,75 mm² Conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 15 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 ± 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 ± 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 ± 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 ± 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 ± 5 ± 5 Shore D Ingred	Outer-diameter (jacket)	11,5 mm
Amount wires 5 Outer diameter insulation 1,8 mm Outer diameter loterance core insulation 55 ± 5 Shore D Ingredient freeness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation white (isolation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount strands wire (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection (wire) strand class 6 Material wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 1,4 mm Conductor outer diameter wire insulation (Data) 1,4 mm Conductor wire (Data) 16 Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 42 Diameter of single wires (Data) 3,34 mm² Material conductor wire (Data) 3,34 mm² Material conductor wire (Data) 3 Stranded copper wire, bare Wire conductor type (Data) 3 Stranded copper wire, bare Wire conductor type (Data) 3 Stranded copper wire, bare Wire conductor type (Data) 4 A Electrical resistance (C-track) 1,8 m @ 25 °C Current load capacity min. Wire (Data) 4 A Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Electrical resistance conting wire (Data) 57 Ω/km @ 20 °C Electrical resistance conting wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - 500 Max. rated voltage power (conduct	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient freeness wire insulation white (isolation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor crosssection (wire) Naterial wire insulation (wire) Stranded copper wire, bare Conductor vipe (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 1,5 5 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount strands wire (Data) 1,8 mm Conductor vipe (wire) strand class 6 Material wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 1,4 mm Conductor coressection wire (Data) 1,4 mm Conductor cores wire insulation (Data) 1,4 mm Conductor wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 mm Conductor wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 mm Conductor vire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 mm Conductor vire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 wire (Data) 1,5 ± 5 Shore D Ingredient freeness wire insulation (Data) 1,4 mm In	Material wire insulation	TPE
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Shore hardness wire insulation 55 ± 5 Shore D	Outer diameter insulation	1,8 mm
Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) Diameter of single wires Onductor type (wire) Stranded copper wire, bare Conductor type (wire) Material conductor wire insulation (Data) TPE Outer diameter wire insulation (Data) Tolerance outer diameter wire insulation (Data) S5 ± 5 Shore D Ingredient freeness wire insulation (Data) Amount strands wire (Data) Diameter of single wires Onductor type (wire) Stranded copper wire, bare Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Stranded copper wire, bare Outer diameter wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount strands wire (Data) 16 Amount strands wire (Data) 17 Amount strands wire (Data) Onductor crosssection wire (Data) Onductor over (Data) Onductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Outerent load capacity (standard) Traversing distance (C-track) Univer (Data) Stranded copper wire, bare Outerent load capacity min. wire Outer (Data)	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation white (isolation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount wires (Data) 16 Amount wires (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 3,3 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. wire (Data) 4A Electrical resistance line constant wire (Data) 57 \(\Omega \text{km} \omega 20 \text{ °C} \) Max. rated voltage power (conductor - 500 V	Shore hardness wire insulation	55 ± 5 Shore D
Amount strands (wire) 96 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) ±5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 1ead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 0,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Electrical resistance in constant wire	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) ± 5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 3,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor vires (Data) 1,8 m @ 25 °C Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4,9 Mm @ 20 °C Electrical resistance loating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - 500 Mm.)	Printing color of wire insulation	white (isolation blue), white (isolation brown)
Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) ± 5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 0,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground)	Amount strands (wire)	96
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. wire (Data) 57 Ω/km @ 20 °C Electrical resistance lonductor - ground) 300 V Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - 500 Mr. strand class - 500 Mr. strand vice voltage power (conductor - 500 Mr. strand voltage power (conductor -	Diameter of single wires	0,1 mm
Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) ± 5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 0,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V	Conductor crosssection (wire)	0,75 mm²
Conductor type (wire) strand class 6 Material wire insulation (Data) TPE Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Data) ± 5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 0,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V	Material conductor wire	Stranded copper wire, bare
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Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V		
Max. rated voltage power (conductor - 500 V		
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conductor) 333 .	Max. rated voltage power (conductor - conductor)	500 V



Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s	
AC withstand voltage power (wire - wire)	2 kV @ 60 s	
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	90 °C	
Operating temperature min. (dynamic)	-25 °C	
Operating temperature max. (dynamic)	80 °C	
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (installation)	x Outer diameter	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
Connection type 2		
Family construction form	free cable end	
No. of poles	21	
Family construction form	M12	
Gender	female	
Color contact carrier	black	
Coding		
5	A	
No. of poles	5 5	
No. of poles PIN 1		
	5	
PIN 1	5 +	
PIN 1 PIN 2	5 + NC S 2	