

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

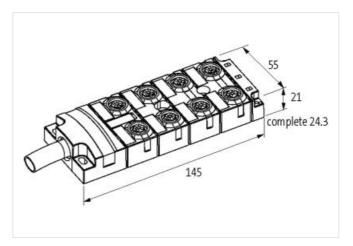
Further cable lengths on request.

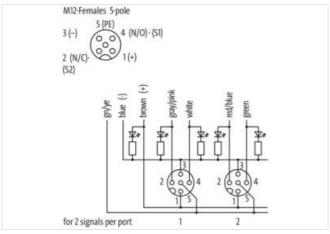
All M12 ports are current monitored regarding 0 V total current (contact 3), and are switched off in case of overload or short-circuit (self-reseting). Supply voltage of other ports remains the same. In case of a fault the DIAGNOSTIC signal "active high" to the PLC (wire "brown" 2) drops from 24 V DC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

Link to Product

Illustration







Product may differ from Image



Commercial data



stay connected

ECLASS-6.0 27279219 ECLASS-7.0 27279219 ECLASS-7.0 27279219 ECLASS-8.0 27279219 ECLASS-9.0 27440108 ECLASS-9.0 27440108 ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 2740108 ENGLASS-12.0 2740108 EN		
ECLASS-7.0 27279219	ECLASS-6.0	27279219
ECLASS-8.0 27740108 ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-11.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108 ETIM-5.0 ECO02585 Customs taff 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 input full equipment min. 25 mA Electrical data Output 25 mA Electrical data Output 30 max. 25 mA Electrical data Output 30 max. 35 max. 35 mA Electrical data Output 3		
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 4048879083487 Packaging unit 1 Electrical data Supply Operating voltage DC Current consumption max. 35 mA Total current max. 10 A Electrical data Input Current carrying capacity per port max. Electrical data Output Current diagnostic output Status indication LED Installation Connection Mounting set M12 x 1 Device protection Electrical Degree of protection Electrical		
ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-11.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108 ETIM-5.0 EC002585 ECUSTON STAIRT number 85444290 ETIM-5.0 EC002585 ECUSTON STAIRT number 85444290 ECUTOMOSTON STAIRT NUMBER ECUTOMOSTON S		
ECLASS-12.0 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 20 A Current carrying capacity per port max. 2.5 A Electrical data Output active high Current diagnostic output max. 25 mA Diagnostice Status indication LED Installation Connection Whounting set 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 current min. 2,3 A Short circuit current max. 2,7 A Overload current max. 2,7 A Overload current max. <td< td=""><td></td><td></td></td<>		
ECIASS-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 carrying capacity per port max. 2.5 A Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 current max. 2.7 A Overload current min. 2.3 A Short circuit current max. 2.7 A Mechanical data Material data Coating housing Nickeled Material housing Environmental characteristics Climatic Depta temperature min. 4.20 °C Operating temperature min. 4.00 °C Conformity Product standard EN 6131-2		
ETIM-5.0		
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 input full equipment min. 20 A Current diagnostic output active high Current diagnostic output max. 25 mA Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 current min. 2,3 A Short-circuit current max. 2,7 A Overload current max. 2,7 A Overload current max. 2,7 A Mechanical data Material data Coating housing Nickeled Material housing Zinc die-casting Mechanical data Munting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Coperating temperature min. 20 °C Contormity Product standard EN 61131-2		
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 carrying capacity per port max. 2,5 A Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 Overload resistant yes Short-circuit protected yes Short circuit current min. 2,3 A Overload current max. 2,7 A Overload current max. 2,7 A Overload current max. 2,7 A Mechanical data Material data Mounting method Schraubgewinde Height 145 mm Writh 55 mm Depth 21 mm Emvironmental characteristics Climatic Coperating temperature min. 2,0 °C Conformity Product standard EN 61131-2		
Packaging unit Electrical data Supply		
Electrical data Supply		
Operating voltage DC Current consumption max. Total current max. Electrical data Input Current input full equipment min. Current carrying capacity per port max. Electrical data Output Diagnostic output Diagnostic output active high Current diagnostic output max. Diagnostics Status indication LED green, red Installation Connection Mounting set Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree Overload resistant yes Short-circuit protected yes Short-circuit current min. 2,3 A Short circuit current max. 2,7 A Overload current max. 2,7 A Mechanical data Material data Coating housing Material housing Mechanical data Mounting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth Environmental characteristics Climatic Conformity Product standard EN 61131-2		1
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 Diagnostic output Diagnostic output active high Current diagnostic output max. 25 mA 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 max. 2,7 A Overload current max. 2,7 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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
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 Diagnostic output active high Current diagnostic output max. 25 mA 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 protected yes Short circuit current min. 2,3 A Short circuit current max. 2,7 A Overload current max. 2,7 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 max. 60 °C Conformity Product standard EN 61131-2		
Electrical data Input Current input full equipment min. 20 A Current carrying capacity per port max. 2,5 A Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 min. 2,3 A Short circuit current min. 2,7 A Overload current min. 2,7 A Overload current min. 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 max. 60 °C Conformity Product standard EN 61131-2		
Current input full equipment min. 20 A Current carrying capacity per port max. 2,5 A Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 max. 2,7 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 max. 60 °C Conformity Product standard EN 61131-2		10 A
Current carrying capacity per port max. 2,5 A Electrical data Output	Electrical data Input	
Electrical data Output Diagnostic output active high Current diagnostic output max. 25 mA 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 max. 60 °C Conformity Product standard EN 61131-2	Current input full equipment min.	20 A
Diagnostic output active high Current diagnostic output max. 25 mA 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 max. 2,7 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 min20 °C Coproduct standard EN 61131-2	Current carrying capacity per port max.	2,5 A
Current diagnostic output max. 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 max. 2,7 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 Wridth 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Conformity Product standard EN 61131-2	Electrical data Output	
Current diagnostic output max. 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 max. 2,7 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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Diagnostic output	active high
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 max. 2,7 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 min20 °C Conformity Product standard EN 61131-2	Current diagnostic output max.	
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 max. 2,7 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 min20 °C Conformity Product standard EN 61131-2	Diagnostics	
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 min. 2,3 A Overload current max. 2,7 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 min20 °C Conformity Product standard EN 61131-2		green red
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 Wechanical 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 min20 °C Conformity Product standard EN 61131-2		g. 551, 150
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		1110
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		M12 x 1
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 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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Device protection Electrical	
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 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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		IP65, IP67, IP68
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		inserted, screwed
Short circuit current min. 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 Material housing Mechanical data Mounting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min. -20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		yes
Short circuit current max. Overload current min. 2,3 A Overload current max. 2,7 A Mechanical data Material data Coating housing Material housing Mechanical data Mounting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min. -20 °C Conformity Product standard EN 61131-2		
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
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 min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
Coating housing 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 Operating temperature max. 60 °C Conformity Product standard Nickeled Nickeled Nickeled Nickeled Nickeled Nickeled Schraubgewinde 145 mm 95 mm 60 °C Conformity EN 61131-2		2,7 A
Material housing Mechanical data Mounting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard Zinc die-casting Schraubgewinde 145 mm 21 mm Conformity Environmental characteristics Climatic Product standard EN 61131-2	Mechanical data Material data	
Mechanical data Mounting data Mounting method Schraubgewinde Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Coating housing	Nickeled
Mounting method Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min. Operating temperature max. Conformity Product standard Schraubgewinde 45 mm 55 mm 20 °C Conformity EN 61131-2	Material housing	Zinc die-casting
Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Mechanical data Mounting data	
Height 145 mm Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Mounting method	Schraubgewinde
Width 55 mm Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
Depth 21 mm Environmental characteristics Climatic Operating temperature min20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
Operating temperature min. -20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2		21 mm
Operating temperature min. -20 °C Operating temperature max. 60 °C Conformity Product standard EN 61131-2	Environmental characteristics Climatic	
Operating temperature max. 60 °C Conformity Product standard EN 61131-2		
Conformity Product standard EN 61131-2		
Product standard EN 61131-2		
		EN 04464 3
Installation Cable		EN 61131-2
Cable identification 403	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: 2024-04-18



stay connected

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 min. 70 mm Stranding factor min. 70 mm Stranding facto		
Amount stranding 1 Silvanding 1 Silvanding factor min. 70 mm Stranding factor mis. 70 mm Market mis. 70		
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) 16 mm Stranding factor min. (type 2) 165 mm Stranding factor	··	
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		·
Stranding factor max		
Amount stranding (type 2) Stranding factor max. (type 2) 16 mm Stranding factor max. (type 2) 105 mm Stranding cycles (C-track) 100 mm Stranding cycles (C-		
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 55 ± 5 Shore D Gardinater freeness wire insulation 45 ± 5 % Shore hardness wire insulation 55 ± 5 Shore D Gardinater freeness wire insulation 45 ± 5 % Shore hardness wire insulation (Data) 17 FE Gordnuctor trype (wire) 0,75 mm² Material conductor wire 5 Stranded copper wire, barre Conductor trype (wire) 17 mm Conductor crossection (Wire) 17 mm Conductor crossection (Wire) 18 mm Conductor crossection (Wire) 18 mm Gordnuctor wire (Data) 42 Diameter of single wires (Data) 1,4 mm Conductor crossection wire (Data) 1,4 mm Conductor crossection	-	
Stranding factor min. (type 2) 105 mm Stranding factor max. (type 2) 105 mm Stranding factor max. (type 2) 105 mm Filer yes wire arrangement (gry_priok, voles, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, gray-white, gray-myellow, blue 1 No. of bending cycles (C-track) 5 Mio. @ 25 °C Salobe weight 253 gm Malerial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 11,5 mm Toleranco outer diameter (sheath) ± 5 % Malerial wire insulation Outer diameter (sheath) 5 5 % Shore hardness wire insulation Outer diameter follorance core insulation ± 5 % Shore hardness wire insulation 1,8 mm Outer diameter follorance core insulation 5 5 ± 5 Shore D Ingredient freeness wire insulation Printing color of wire insulation Amount strands (wire) 96 Dameter of single wires Orductor funke wire Conductor free (wire) Malerial conductor wire Conductor free (wire) Stranded copper wire, barre Conductor free (wire) Malerial conductor wire Conductor free (wire) Stranded copper wire, barre Conductor free (wire) Malerial conductor wire Conductor free (wire) Stranded copper wire, barre Conductor free (wire) Malerial conductor wire Conductor free (conductor free) Malerial conductor wire Conductor		
Stranding factor max. (type 2) 105 mm Fecce 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-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-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, gray-yellow, pink, yellow-white, gray-white, practically pink, yellow-white, gray, gray-white, practically pink, yell	- · · · ·	
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 1.9 mm Outer diameter insulation 55 ± 5 Shore D Ingredient freeness wire insulation 1.9 mm Outer diameter tolerance core insulation 1.9 mm Outer diameter tolerance core insulation 1.9 mm Outer diameter tolerance core insulation 1.9 mm Outer diameter follow in the sulation (beat-free, CFC-free, halogen-free, silicone-free, LABS-free Penning polor of wire insulation 1.9 mm Outer diameter of single wires 0.1 mm Conductor orossection (wire) 96 Diameter of single wires 0.1 mm Conductor orossection (wire) 0.75 mm² Material conductor wire (beath) 1.4 mm Tolerance outer diameter wire insulation (Data) 1.4 mm Tolerance outer diameter wire insulation	* '** '	
Filler yes wire arrangement (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 No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable weight 283 g/m Material jacket PUR Material jacket PUR Shore hardness jacket PER Outer diameter (jacket) 11,5 mm Tolerance outer diameter (sheath) 2 5 % Material wire insulation TPE Amount wires S Outer diameter insulation 1,5 mm Outer diameter insulation 2 5 5 % Shore hardness wire insulation 55 ± 5 Shore D Ingredient feeness wire insulation white (isolation blue), white (isolation brown) Amount strands (wire) 96 Diameter of single wires 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Material wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (Dat		
(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) TPE		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 progressection (wire) 0,7 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 % <t< td=""><td></td><td></td></t<>		
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
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 orsssection (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) 16 Amount wires (Data) 16 Amount strands wire (Data) 42 Diameter of single wires (Data) 0,1 mm Ocnductor crosssection wire (Data) 0,4 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity min. Wire (Data) 4 A <td>Amount wires</td> <td>5</td>	Amount wires	5
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) 18 Amount strands wire (Data) Onductor crosssection wire (Data) Onductor wire (Data) Stranded copper wire, bare Material conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) Stranded copper wire, bare Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 26 Ω/km @ 20 °C 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)	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 V	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
Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) Ingredient freeness wire insulation (Data) Ingredient free, LABS-free Ingredient free, CFC-free, halogen-free, silicone-free, LABS-free Ingredient free, LABS-free Ingredient free, CFC-free, halogen-free, silicone-free, LABS-free Ingredient free, cFC-free, halogen-free, silicone-free, LABS-free Ingredient freenes wire insulation (Data) Ingredient freenes wire insulation (Data) Ingredient free, cFC-free, halogen-free, silicone-free, LABS-free Ingredient free, LA	Conductor type (wire)	
Outer diameter wire insulation (Data) 1,4 mm Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) Ingredient freeness wire insulation (Data) Ingredient free, LABS-free Ingredient free, CFC-free, halogen-free, silicone-free, LABS-free Ingredient free, LABS-free Ingredient free, CFC-free, halogen-free, silicone-free, LABS-free Ingredient free, cFC-free, halogen-free, silicone-free, LABS-free Ingredient freenes wire insulation (Data) Ingredient freenes wire insulation (Data) Ingredient free, cFC-free, halogen-free, silicone-free, LABS-free Ingredient free, LA	Material wire insulation (Data)	TPE
Tolerance 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) 5tranded copper wire, bare Wire conductor type (Data) 5tranded copper wire, bare Wire conductor type (Data) 5tranded copper wire, bare Unique (C-track) 1,8 m @ 25 °C Current load capacity (standard) 5p A Current load capacity min. wire 9 A Current load capacity min. wire (Data) 4 A Electrical resistance line constant wire (Data) 57 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 -	,	
Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient freeness wire insulation (Data) 16 Amount wires (Data) 16 Amount strands wire (Data) 20 Diameter of single wires (Data) Conductor crosssection wire (Data) Material conductor wire (Data) Vire conductor type (Data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire 9 A Current load capacity min. Wire (Data) Electrical resistance line constant wire 26 Ω/km @ 20 °C Electrical resistance coating wire (Data) Stone D 18 + 5 Shore D 18 - 4 A Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - 500 V	, ,	·
Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free Amount wires (Data) Amount strands wire (Data) Diameter of single wires (Data) O,1 mm Conductor crosssection wire (Data) 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) Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 \(\Omega \text{/km} \) @ 20 °C Electrical resistance coating wire (Data) 57 \(\Omega \text{/km} \) @ 20 °C Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - 500 V	, ,	
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		
Amount strands wire (Data) Diameter of single wires (Data) O,1 mm Conductor crosssection wire (Data) O,34 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Wire conductor type (Data) Stranded copper wire, bare Universing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) Current load capacity (standard) 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 -	. ,	-
Diameter of single wires (Data) O,1 mm Conductor crosssection wire (Data) Material conductor wire (Data) Wire conductor type (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) Max. rated voltage power (conductor - 500 V		
Conductor crosssection wire (Data) 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 \(\Omega / \text{km} \ \end{aligned} \) 20 °C Electrical resistance coating wire (Data) 57 \(\Omega / \text{km} \ \end{aligned} \) 20 °C Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor -	` '	
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) Current load capacity min. wire 9 A Current load capacity min. Wire (Data) 4 A Electrical resistance line constant wire 26 \(\Omega / \km \text{@ 20 °C} \) Electrical resistance coating wire (Data) 57 \(\Omega / \km \text{@ 20 °C} \) Max. rated voltage power (conductor - ground) Max. rated voltage power (conductor - 500 V		
Wire conductor type (Data) Strand class 6 Traversing distance (C-track) 1,8 m @ 25 °C Current load capacity (standard) 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) Max. rated voltage power (conductor -	<u> </u>	·
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) Max. rated voltage power (conductor -	<u> </u>	
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 - 500 V		
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 - 500 V		
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 - 500 V		
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 - 500 V	<u> </u>	
Electrical resistance coating wire (Data) 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V		
Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - 500 V		
Max. rated voltage power (conductor - 500 V		
	<u> </u>	SUU V
conductor) 333 .	Max. rated voltage power (conductor - conductor)	500 V



stay connected

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	A	
No. of poles	5	
PIN 1	+	
PIN 2	NC S 2	
PIN 3	-	
PIN 4	NO S 1	
PIN 5	PE	