

M12 Power female 0° L-cod. / Push Pull Power AIDA

PUR 4x1.5 bk UL/CSA+drag ch. 0.3m

Male straight – female straight M12 L-coded - PPP, 4-pole Push Pull Power with cable sleeves

Plastic housings with good resistance against chemicals and oils.

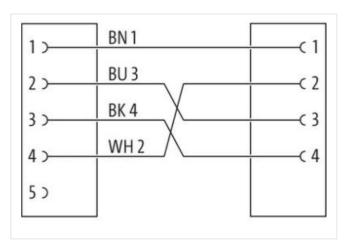
The resistance to aggressive media should be individually tested for your application. Further details on request.

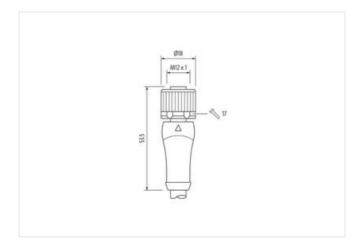
Further cable lengths on request.

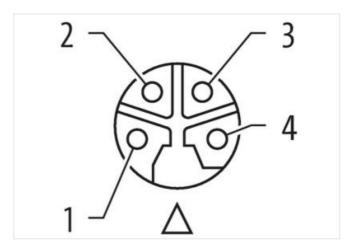
Link to Product

Illustration



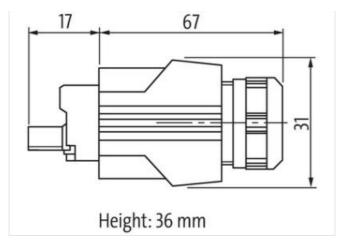


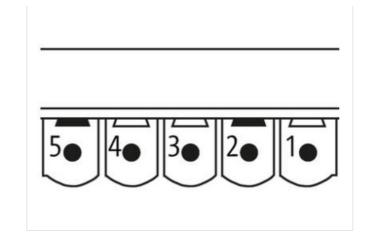






stay connected





Product may differ from Image







the state of the s	
Cable length	0,3 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12P
suitable for corrugated tube (internal Ø)	12 mm
Coding	L
No. of poles	4
Side 2	
Mounting method	inserted, screwed
Family construction form	Push Pull Power
No. of poles	4
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879860154
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	24 V
Operating voltage DC max.	24 V
Current operating per contact max.	12 A
Installation Connection	
Width across flats	SW17
Device protection Electrical	



stay connected

Additional condition protection degree minerial, screwed Pathlistin Disprice 3	Degree of protection (EN IEC 60529)	IP67
Rate fail group (IEC 6064-1) 1. Material group (IEC 6064-1) 1. Mechanical data (Michael Michael Michael Coloring readerial September 19 (August 1	Additional condition protection degree	inserted, screwed
Rate fail group (IEC 6064-1) 1. Material group (IEC 6064-1) 1. Mechanical data (Michael Michael Michael Coloring readerial September 19 (August 1	Pollution Degree	3
Mechanical data Material data Nickeled Locking narearial Zinc die-castring Mechanical data Mounting data Mechanical data Mounting data Meuring method Push Pull Environmental characteristics Climater Environmental characteristics Climater Coperating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Portion Properature max. Product standard IEC 81076-8-111 Installation Cable Explain Properature max. Cable identification P07 Cable identification P07 Cable identification P07 Cable identification P08 Proling color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation blue), white (isolation blue), white (isolation brown), white (isolation blue), white (isolation		1,5 kV
Locking seriew coating Nickeled Locking material Zinc de-casting Mechanical data Mounting method Push Pull Environmental characteristics Climatic Coperating temperature minx. 25 °C Operating temperature max. 85 °C Additional condition temperature may. Additional condition temperature may. 85 °C Conformity Product standard IEC 61076-2-111 Image: Conformity image: Conformi	Material group (IEC 60664-1)	
Locking seriew coating Nickeled Locking material Zinc de-casting Mechanical data Mounting method Push Pull Environmental characteristics Climatic Coperating temperature minx. 25 °C Operating temperature max. 85 °C Additional condition temperature may. Additional condition temperature may. 85 °C Conformity Product standard IEC 61076-2-111 Image: Conformity image: Conformi		
Docking material Zinc die-casting Mechanical data Mounting data Push Pull Environmental characteristics Climatic Commental characteristics Climatic Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Contentity Product standard IEC 81078-2.111 Installation Gable Expendit standard P07 Cable identification P07 P07 Cable in good or wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacker Color black Child Standard Type of Certificate culfus CHILD Color (virule) black CHILD Stranding 4 vires twisted Stranding 4 virule wisted Stranding 4 virule wisted Stranding distance (C-track) 5 m @ 25 °C Cable weight 114.4 g/m Material givent 90 ± 5 Shore A Shore a functional (isolation) 25 % Cable weight 114.4 g/m Material school (isolation)	·	Nickeled
Mechanical data Mounting method Push Pull Environmental characteristics Climatics		
Mounting method Push Pull		
Privironmental characteristics Climatic		Push Pull
Operating temperature min.		
Operating lemperature max. 85 °C Additional condition temperature range depending on cable quality Conformity IEC 61076-2:111 Product standard IEC 61076-2:111 Installation Cable IEC 61076-2:111 Cable (dentification) PO7 Cable (dentification) D10 Zable (a principle) 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation black) Jacket Color black Type of Certificate cUPus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Taversing distance (C-track) 5 m @ 25 °C Cable weight 114.4 p/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7.2 mm Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation 60 ± 5 Shore D <		-25 °C
Additional condition temperature range depending on cable quality Conformity Product standard IEC 61076-2-111 Installation Cable Cable identification P07 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Ups of Certificate CURUS Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigh 114.4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D		
Conformity IEC 81076-2-111 Installation Cable Installation Cable Cable identification P07 Cable Type 3 Printing color of wire insulation black (white isolation), white (solation blue), white (solation brown), white (solation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigh 114.4 g/m Material Jacket PUR Shore hardness Jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 184 december (jacket) Outer diameter (jacket) 7,2 mm Tolerance outer diameter (jacket) ± 5 % Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter relatance core insulation 2.5 % Afforce hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60		
Product standard IEC 61076-2-111 Installation Cable Cable identification PO7 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate cUFlus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 *C Cable weight 1144 g/m Material sacket PUR Material sacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount strands (wire insulation 2,3 mm Outer diameter tolerance core insulation 5 ± 5 % Shore bardness were insulation 60 ± 5 Shore D Ingredient freeness were insulation 60 ± 5 Shore D Ingredient		depending on cable quality
Installation Cable Cable Identification P07 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m@ 25 °C Cable weigh 1144 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7.2 mm Tolerance outer diameter (jacket) 7.2 mm Tolerance outer diameter (jacket) 2.5 % Material wire insulation 2.5 % Shore hardness wire insulation 2.5 % Shore bardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D		
Cable identification P07 Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate cURs Amount stranding 1 Shore hardness wire insulation PP Amount wires 0 Amount stranding 4 wires twisted Water diameter folerance core insulation PP Amount wires 0 Amount stranding PP Amount wires 0 Amount stranding 1 Amount stranding Amount Stranding PP Amount wires 0 Amount stranding Amount Stranding PP Amount stranding Wire insulation Black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Amount strands (wi	Product standard	IEC 61076-2-111
Cable Type 3 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation black (white isolation), white (isolation blue), white (isolation black) Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation black) Pummeter of single wires 0,15 mm <td>Installation Cable</td> <td></td>	Installation Cable	
Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Jacket Color black Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black is, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Amount strands (wire) ± 5 % Amount strands (wire) ± 5 % Bore hardness wire insulation ± 5 % Ingredient freeness wire insulation blead-free, cadmium-free, CFC-fre	Cable identification	P07
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, cpc-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, cpc-free, halogen-free, silicone-free Diameter of single wires 0,15 mm <	Cable Type	3
Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (shealth) ± 5 % Material wire insultation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 0 ± 5 % Shore hardness wire insulation 1 = 4 d	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Amount stranding 1 Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 π @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 2,3 mm Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crossection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire)	Jacket Color	black
Stranding 4 wires twisted wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 1114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation 50 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Outer diameter of single wires 0,15 mm Conductor orosssection (wire) 1.5 mm Material conductor wire Stranded copper wire, bare Conductor rossssection (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity frian wire 14,4 A Electrical resistance line constant wire 14,4 A Electrical resistance line constant wire 18,4 W 60 s	Type of Certificate	cURus
wire arrangement black 4, blue 3, white 2, brown 1 Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Conductor type (wire) strand class 6 Conductor type (wire) strand class 6 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 10 kV @ 60 s	Amount stranding	1
Traversing distance (C-track) 5 m @ 25 °C Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 190 ± 5 Shore A Freedom from ingredients (jacket) 190 ± 5 Shore A Tolerance outer diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance oore insulation ± 5 % Shore hardness wire insulation 00 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Stranding	4 wires twisted
Cable weigth 114,4 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-fr	wire arrangement	black 4, blue 3, white 2, brown 1
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line consta	Traversing distance (C-track)	5 m @ 25 °C
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation 50 ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s	Cable weigth	114,4 g/m
Freedom from ingredients (jacket) Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s	Material jacket	PUR
Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - airclassed) 10 kV @ 60 s	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s	Outer-diameter (jacket)	7,2 mm
Amount wires 4 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - incept) acket) 10 kV @ 60 s	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Amount wires	4
Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Outer diameter insulation	2,3 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Printing color of wire insulation	black (white isolation), white (isolation blue), white (isolation brown), white (isolation black)
Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Amount strands (wire)	84
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Conductor crosssection (wire)	1,5 mm²
Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega / \text{km} \emptyredown 20 \cdot \text{C} \) AC withstand voltage (wire - wire) 10 kV \(\omega 60 \text{ s} \) Power frequency withstand voltage (wire - jacket) 10 kV \(\omega 60 \text{ s} \)	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 \(\Omega/\text{km}\) @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Conductor type (wire)	
Current load capacity min. wire 14,4 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s		
Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s		
AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s		· · · · · · · · · · · · · · · · · · ·
Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s	Electrical resistance line constant wire	13,3 Ω/km @ 20 °C
jacket)	AC withstand voltage (wire - wire)	10 kV @ 60 s
Min. operating temperature (static) -50 °C		10 kV @ 60 s
	Min. operating temperature (static)	-50 °C



Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio. 25 °C
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min