

M12 male 0° / M12 female 0° A-cod. shielded

PUR 8x0.25 shielded bk UL/CSA+drag ch. 2m

Male straight – female straight M12 – M12, 8-pole shielded

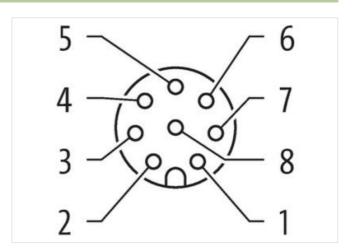
Plastic housings with good resistance against chemicals and oils.

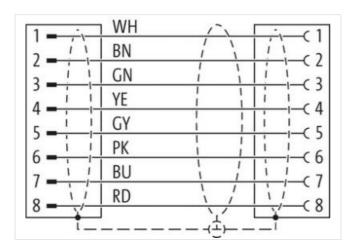
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

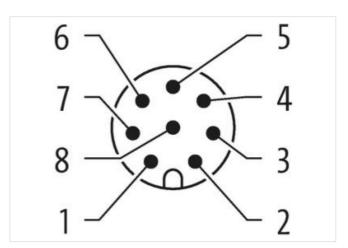
Link to Product

Illustration



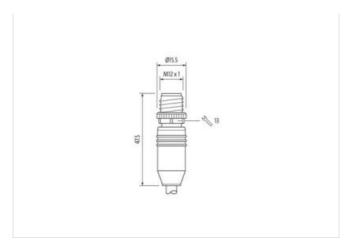


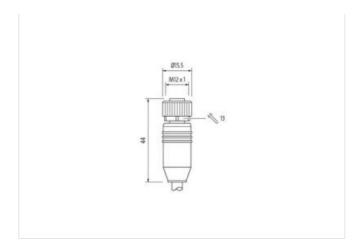






stay connected





Product may differ from Image











Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879457057
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	2 A
Device protection Electrical	



stay connected

Raed surp voltage 0,8 kV Material group (IEC 00604-1) 1 Coaling tooking Nickelod Nicke	Additional condition protection degree	inserted, screwed
Markarial group (IEC 60064-1) Mochanical data Material data Zondriq looking Nickeled Looking material Zinc die-casting Mochanical data Mounting data Mounting method Inserted, serewed, Shaking protection Environmental characteristica Climatio Departing temperature min2.5 °C Queening temperature max6.5 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loade, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanged by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Time and the content of the connectors by suitable measures from mechanical loade, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanged by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation (Cable Time and time	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Cooking netriel Zim deleasting Mochanical data Mounting data Mounting method inserted, scrowed, Shaking protection Environmental Characteristics Climatic Diperating temperature min. 425 °C Diperating temperature min. 425 °C Diperating temperature max. 455 °C Additional condition temperature max. 455 °C Modification all condition temperature max. 455 °C Modification and installation notes Who on strain riviel Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Difference the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Difference the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Write arrangement brown, white, red, blue, pink, gray, yellow, green Zable Internation 1717 Zab		1
Cooking notking	Mechanical data Material data	
Mechanical data Mounting data Mounting data Mounting data Mounting method Inserted, screwed, Shaking protection Mounting Inserted Inse	·	Nighteled
Mounting method inserted, sorewed, Shaking protection Environmental characteristics Climatic poperating temperature min. 25 °C Deparating temperature max. 85 °C Additional condition notes Wote on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Web arrangement brown, white, red, blue, pink, gray, yellow, green 2able identification 717 2able definition 2		
Environmental characteristics Climatic Departating temperature min.		Zinc die-casting
Environmental characteristics Climatic Operating temperature min	•	
Operating temperature min25 °C Operating temperature max. 85 °C	Mounting method	inserted, screwed, Shaking protection
Departure Departure max. 85 °C	Environmental characteristics Climatic	
Important Installation notes	Operating temperature min.	-25 °C
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green Zable identification 717 Zable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Zable shielding (coverage) 80 % Zables shielding (coverage) 80 % Zables wire arrangement brown, white, red, blue, pink, gray, yellow, green Zable weigh 66 g/m Auterial jacket PUR Auterial jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Amount wires outer diameter (sheath) ± 5 % Auterial wire insulation 1,2 mm Amount wires 8 Zabuer diameter insulation 1,2 mm Duter diameter (sheath) ± 5 % Jacket around conductor wire browners wire insulation 1,2 mm Duter diameter resulation 1,2 mm Diameter of sile results wires 1,2 m	Additional condition temperature range	depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green Zable identification 717 Zable identification 717 Jake (Color black DRUS Amount stranding 1 Saminary (Saminary Color Stranding) 1 Saminary (Saminary Color Stranding) 2 Sable shielding (coverage) 80 % Saminary (Saminary Color Stranding) 5 Saminary (Saminary Color Stranding) 7 Saminary (Saminary Color Saminary Color Sa	Important installation notes	
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable identification 717 Cable identification 719 Jackel Color black Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (coverage) 80 % Banding Fiece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter folexance core insulation 190 ± 5 Shore D Ingredient freeness wire i	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green 717 Zable identification 717 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) coper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foll Filler yes Wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Duter diameter (jacket) 7 mm Duter diameter (sheath) ± 5 % Shore hardness wire insulation PP Amount wires 8 Duter diameter insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore freeness wire insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Amount strands (wire) 32 cadmium-free, CFC-free, halogen-free, silicone-free Shore hardness wire insulation 10 cad-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 cadmium-free, CFC-free, halogen-free, silicone-free Amou		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Product standard DIN EN 61076-2-101 (M12) Installation Cable wire arrangement brown, white, red, blue, pink, gray, yellow, green 717 Zable identification 717 Jacket Color black Type of Certificate cURus Amount stranding 1 Standing 8 wires around Core filler twisted Cable shielding (type) coper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes Wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material Jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Duter diameter (jacket) 7 mm Duter diameter (sheath) ± 5 % Shore hardness wire insulation PP Amount wires 8 8 Duter diameter insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore hardness wire insulation 10 ± 5 % Shore freeness wire insulation 10 ± 5 % Shore freeness wire insulation 10 ± 5 % Amount stranding (wire) 32 cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 cadmium-free, CFC-free, halogen-free, silicone-free Stranded copper wire, bare Stranded copper wire, ba	Conformity	
Installation Cable vire arrangement brown, white, red, blue, pink, gray, yellow, green Sable identification 717 Cable Type 3 Sacket Color black Kype of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Sable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes vire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material packet PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Tolerance outer diameter (jacket) 2 mm Duter-diameter (jacket) 2 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter insulation 70 ± 5 Shore D Shore hardness wire insulation 1,2 mm Duter diameter f	•	DIN FN 61076-2-101 (M12)
brown, white, red, blue, pink, gray, yellow, green Cable identification 717 Cable Type 3 Cable Type 3 Cable Coor black Cype of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, finned Cable shielding (coverage) 80 % Canding Fleece, Foil Filler yes Wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weighth 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7 mm Colerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation PP Material wire insulation 1,2 mm Duter diameter lolerance core insulation 1,2 mm Duter diameter lolerance orie insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Minior diameter lolerance orie insulation 1,2 mm Duter diameter lolerance orie insulation 1,2 mm Duter diameter lolerance orie insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Minior diameter lolerance orie insulation 1,2 mm Duter diameter lolerance sorie insulation 1,2 mm Duter diameter lolerance sorie insulation 1,2 mm Duter diameter freeness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Minior of single wires 0,1 mm Donductor crosssection (wire) 32 Diameter of single wires 0,1 mm Donductor type (wire) 5 stranded copper wire, bare Donductor type (wire) 5 stranded copper wire, bare Donductor type (wire) 5 stranded copper wire, bare		5 2 5 (iii.b)
Cable identification 717 Cable Type 3 Jacket Color black Vippe of Certificate cURus Amount strading 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 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 Duter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter tolerance core insulation 1,2 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Ing		
Sable Type 3		
acket Color black Type of Certificate cURus Internating 1 Stranding 1 Stranding 8 wires around Core filler twisted Sable shielding (type) copper braid, tinned Sable shielding (coverage) 80 % Sanding Fleece, Foil Siller yes Siller yes Siller yes Sable weight 66 g/m Alaterial jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Souter diameter (sheath) ± 5 % Alaterial wire insulation PP Window Mineral substation 1,2 mm Duter diameter tolerance core insulation 1,2 mm Duter diameter tolerance core insulation 1,2 mm Duter diameter tolerance swire insulation 1,2 mm Duter diameter swire insulation 1,2 mm Duter diameter tolerance swire insulation 1,2 mm Duter diameter swire insulation 1,3 mm Duter diameter swire insulation 1,2 mm Duter diameter swire insulation 1,3 mm Duter diameter swire insulation 1,3 mm Duter diameter swire insulation 1,4 mm Duter diameter swire insulation 1,5 Shore D Ingredient freeness wire insulation 1,2 mm Duter diameter of single wires 0,1 mm Conductor crosssection (wire) 3,2 Diameter of single wires 0,1 mm Conductor type (wire) 5,25 mm² Alaterial conductor wire 5,25 mr² Stranded copper wire, bare		
Current stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil Ciller yes Wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Creedom from ingredients (jacket) 7 mm Colerance outer diameter (sheath) ± 5 % Material wire insulation PP Whoman wires 8 Duter diameter insulation PP Whoman wires 8 Duter diameter tolerance core insulation 1,2 mm Duter diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Whoman Shore hardness wire insulation 10 1,2 mm Duter diameter tolerance core insulation 10 1,2 mm Distranding Wires 10 1,2 mm Duter diameter swire insulation 10 1,2 mm Distranding Wires 10 1,2 mm Distranding Wire		
Amount stranding 1 Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Standing Fleece, Foil Filler yes Verice arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Vereedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Vereedom from ingredients (jacket) 7 mm Volerance outer diameter (sheath) ± 5 % Material wire insulation PP Material wire insulation PP Mount wires 8 Voluer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Voluer of single wires 0,1 mm Voluer of single wires 0,2 5 mm² Volaterial conductor wire Stranded copper wire, bare Voluer of voluer (wire) strand class 6 Voluer of voluer Voluer (wire) strand class 6 Voluer Volu		
Stranding 8 wires around Core filler twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Sanding Fleece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 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 Conductor diameter (sheath) ± 5 % Caterial wire insulation PP Colorance outer diameter (sheath) ± 5 % Colorance outer diameter insulation PP Colorance outer diameter tolerance core insulation ± 5 % Colorance outer diameter tolerance core insulation ± 5 % Colorance outer diameter insulation 1,2 mm Colorance outer diameter tolerance core insulation ± 5 % Colorance outer diameter insulation 1,2 mm Colorance outer diameter insulation 20 ± 5 Shore D Colorance outer diameter insulation 1,2 mm Colorance outer diameter insulation 2,2 mm Colorance outer diameter insulation 3,2 mm Colorance outer diameter insulation 3,2 mm Colorance outer diameter insulation 3,3 m	**	
Cable shielding (type) copper braid, tinned Cable shielding (coverage) 80 % Banding Fleece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Cuter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Cuter diameter tolerance core insulation 1,2 mm Cuter diameter tolerance core insulation 1,2 mm Cuter diameter tolerance swire insulation 10 tead-free, cadmium-free, CFC-free, halogen-free, silicone-free Camount strands (wire) 32 Cable shielding (type) 80 % Material wire insulation 1,2 mm Cuter diameter tolerance core insulation 2.5 Shore D Ingredient freeness wire insulation 1.2 mm Camount strands (wire) 32 Camount strands (wire) 5 Stranded copper wire, bare Conductor crosssection (wire) 5 Stranded copper wire, bare Conductor type (wire) strand class 6 Comminal voltage AC max. 300 V		
Cable shielding (coverage) 80 % Banding Fleece, Foil yes vire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 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 Cuter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Cuter diameter tolerance core insulation 1,2 mm Cuter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 10 tead-free, cadmium-free, CFC-free, halogen-free, silicone-free Camount strands (wire) 32 Camount strands (wire) 32 Camount strands (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Fleece, Foil Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 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 Couter-diameter (jacket) 7 mm Folerance outer diameter (sheath) ±5 % Material wire insulation PP Amount wires 8 Couter diameter insulation 1,2 mm Couter diameter insulation 1,2 mm Couter diameter insulation 1,2 mm Couter diameter insulation 20 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Filler yes wire arrangement brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 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 Couter-diameter (jacket) 7 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Couter diameter insulation 1,2 mm Couter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
brown, white, red, blue, pink, gray, yellow, green Cable weigth 66 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Pus Freedom from ingredients (jacket) Pus Tolerance outer diameter (sheath) ### ### ### ### ### ### ### ### ### #		·
Cable weigth 66 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 Duter-diameter (jacket) 7 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		•
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 7 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	<u> </u>	
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Duter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
lead-free, cadmium-free, CFC-free, halogen-free Duter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) 4 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation In m Conductor crosssection (wire) Indicate the provided	•	
Duter-diameter (jacket) 7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded class 6 Nominal voltage AC max. 300 V		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8 Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		•
Material wire insulation PP Amount wires 8 Outer diameter insulation 1,2 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Amount wires Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation 70 ± 5 Shore D Ingredient freeness wire insulation Ingredient freeness wire insulation Amount strands (wire) 32 Diameter of single wires Onductor crosssection (wire) Material conductor wire Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Nominal voltage AC max. 8 Amount strands 1,2 mm 70 ± 5 Shore D 1,2 mm 70 ± 5 Shore D 1,2 mm 1,2 mm 70 ± 5 Shore D 1,3 mm 1,4 mm 1,5 mm 1,2 mm	<u> </u>	
Duter diameter insulation 1,2 mm Duter diameter tolerance core insulation ±5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Amount strands (wire) 22 Diameter of single wires Conductor crosssection (wire) Output Ou		
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V	-	
Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		·
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V		<u> </u>
Nominal voltage AC max. 300 V		
		300 V to DIN VDE 0298-4



Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °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	IEC 60332-2-2 UL 1581 § 1100 FT2 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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min