

M12 male 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy 35m

Male straight M12, 5-pole shielded

with cable sleeves

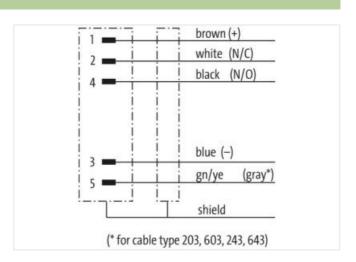
Plastic housings with good resistance against chemicals and oils.

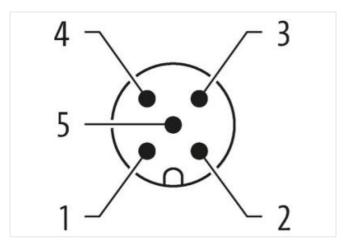
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

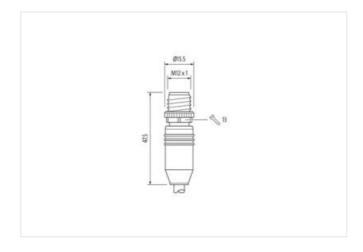
Link to Product

Illustration









Product may differ from Image









Cable length

35 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-19



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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-0.0 ECLASS-7.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27060311
ECLASS-9.0 ECLASS-10.1	27060311
ECLASS-11.1 ECLASS-12.0	27060311 27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879512473
Packaging unit	1
	<u>'</u>
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I,5 KV
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	····
·	Misheled
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C



stay connected

Conformity Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable	Operating temperature max.	85 °C
Installation Cabbe	Additional condition temperature range	depending on cable quality
Installation Cabbe	Conformity	
Label entification 349 Jacket Coffer 9ray Amount stranding 1 Stranding 5 wires around Core filter twisted Cable shelding (type) copper braid, finned Cable shelding (type) 85 % Stranding Fleece, Foil Filter yes wire arrangement brown, black, blue, white, green-yellow No. of bendring cycles (C-track) 0,1 Mo. @25 °C Cable weight Say 4 gm Material glockel FUR Sthere hardness jackel FUR Sthere hardness jackel 85 ± 5 Shore A Following distriction 1 ± 5 % Material problem 1 ± 5 % Material problem 2 ±		DIN FN 61076-2-101 (M12)
Cable identification 349 Jacket Color gray Amount standing 1 Stranding 5 wires around Core filter twisled Cable shielding (type) copper braid, finned Cable shielding (type) 86 % Cable shielding (twerape) 87 % Banding Fleece, Foll Filter yes We arrangement brown, black, Diue, white, green-yellow No. or bending cycles (C-track) 0, 1 Mio. @ 25 °C Cable weight 59,4 gm Material jacket PUR Shore hardness jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer diameter (jacket) 5,8 mm Tolerance outer diameter (sheath) 45 % Material inner/ jacket PVC Color (inner jacket) 97 VC Color (inner jacket) 97 VC Material inner/ jacket 97 VC Amount wires 5 5 Material inner/ jacket 97 VC Material wire insulation 97 VC Material wire insulation 97 VC Material wire insulation 98 5 5 Shore A Material wire insulation 1,45 mm Outer diameter televance cover insulation 1,45 mm Outer diameter televance cover insulation 1,45 mm Outer diameter televance cover insulation 1,45 mm Material properties wire insulation 1,5 mm Division 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,5 mm Materia		514 214 01070 2 101 (W12)
Jacket Color gray Amount stranding 1 Swires stround Core filler twisted Cable shelding (type) Capte shelding (powerage) 85 % Banding Fleece, Foll Filler yes Banding Fleece, Foll Filler yes Capte shelding (coverage) 85 % Banding Fleece, Foll Filler yes Capte with the shelding (powerage) 85 % Banding Fleece, Foll Filler yes Capte weight Solor handing cycles (C teack) O.1 Mo. @ 25 °C Capte weight Solor handiness jacket PUR Since handiness jacket PUR Glore fleeder fleeces Solor	·	
Amount stranding 1 Stranding 5 were around Core filler twisted Cable shielding (type) copper braid, funed Cable shielding (coverage) 85 % Banding Fleece, Foil Filler yes Banding Fleece, Foil Filler yes Wire arrangement brown, black, blue, white, green yellow No, of bending cycles (C track) No, of bending cycles (C track) No, of bending cycles (C track) Shore hardness jacket PUR Shore hardness jacket Shore A Freedom from ingredients (jacket) Cluef cidiameter (jacket) Tolerance outler diameter (jacket) Defer diameter (jacket) Tolerance outler diameter (jacket) Tolerance outler diameter (jacket) PVC Coord (inner jacket) PVC PVC Coord (inner jacket) PVC Coord (inner jacket) PVC Coord (inner jacket) PVC	Cable identification	349
Stranding 5 wires around Core filler twisted Gable shielding (ype) cooper brad, finned Gable shielding (ycware) 88 % Banding Fibece, Foll Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 0, 1 Mio. @ 25 °C Gable weight 95, 9 m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 95, 9 mm Toleranden from ignoridins (jacket) 15, 9 mm Toleranden from ignoridins (jacket) 5, 9 mm Tolerande outer diameter (sheath) ± 5 % Material inner jacket PVC Golor (inner jacket) 970 Material inner jacket PVC Golor (inner jacket) 970 Material wire insulation 970 Material wire insulation 970 Material wire insulation 970 Material wire insulation 970 Color diameter of colorance core insulation 1,455 mm Outer diameter of colorance core insulation 10 good machinability Ingredient frenesses wire insulation 10 good machinability Ingre		
Cable shielding (type) copper braid, timed Sable shielding (coverage) 85 % Barding Flieor yes Weie arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 0, 1 Mo. @ 25 °C Cable weigh 59, 4 gm Marterial jacket PUR Shore hardness jacket PUR Shore hardness jacket 95 % Marterial marker (gocker) 5,5 mm Tolerance outer diameter (skeath) 45 % Marterial marker invited in the standard or the standard value of the cadmium free, CFC-free, halogen-free Color (inner jacket) 97 mm Tolerance outer diameter (skeath) 97 mm Tolerance outer diameter (skeath) 97 mm Tolerance surfer share 197 mm Tolerance 197 mm Toler	Amount stranding	1
Cable shielding (coverage) 85 % Barding Fleece, Foil Filter yes wise arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 0,1 Mio. Ø 25 °C Cable weigth 59.4 g/m Malariral jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) 2 5 % Material inner jacket PVC Color (inner jacket) 9 VC Outer diameter insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter insulation 2 5 % Material properties were insulation 35 ± 5 Shore A Material properties were insulation 1,45 mm Outer diameter risulation 2 5 % Shore hardness were insulation 35 ± 5 Shore A Ingredient freeness wire insulation 25 ± 5 Shore A Shore a Material properties were insulation 35 ± 5	Stranding	
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Filler	Cable shielding (coverage)	85 %
wire arrangement brown, black, blue, while, green-yellow No. of bending cycles (C-track) O. 1 Mio. @ 25 °C Cable weight Material jacket PUR Material jacket PUR Shore hardness jacket Freedom from Ingredients (jacket) Sp. 9 mm Tolerance outer diameter (jacket) Sp. 9 mm Tolerance outer diameter (jacket) Color (inner jacket) PVC Color (inner jacket) Griener jacket) PVC Color (inner jacket) Sp. 9 mm Tolurance outer diameter (jacket) PVC Color (inner jacket) PVC Color (inner jacket) PVC Color (inner jacket) Sp. 9 mm Duter diameter insulation PVC Amount wires insulation PVC Amount wires insulation 1,45 mm Outer diameter insulation Share hardness wire insulation Share hardness wire insulation B\$ 5.5 Shore A Material properties wire insulation B\$ 5.5 Shore A Material properties wire insulation B\$ 5.5 Shore A Material properties wire insulation B\$ 6.5 Shore A B	Banding	Fleece, Foil
No. of bending cycles (C-track) 0,1 Mio. @ 25 °C Gable weight 59,4 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CPC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material innor jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diamete	Filler	yes
Cable weight 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5.9 mm Toferance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (mer jacket) gray Material wire insulation PVC Material wire insulation FVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation 85 ±	wire arrangement	brown, black, blue, white, green-yellow
Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter blerance core insulation 85 ± 5 Shore A Material properties wire insulation 95 ± 5 Shore A Material properties wire insulation 90 dmachinability Ingredient freeness wire insulation 90 dmachinability Ingredient freeness wire insulation 164 free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor type (wire) strand copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (min. wire) 4,5 A Electrical resistance line constant wire	No. of bending cycles (C-track)	0,1 Mio. @ 25 °C
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 6ad-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter insulation 85 ± 5 Shore A Material properties wire insulation 85 ± 5 Shore A Material properties wire insulation gead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity rism. wire 4,5 A Electrical resistance line constant wire 5 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power	Cable weigth	59,4 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation 1,45 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of slight wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of slight wires 0,1 mm Conductor tyreacy (wire) Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity rim; wire 4.5 A Electrical resistance line	Material jacket	PUR
Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Armount wires 5 Outer diameter insulation ± 5 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor rossection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 5° C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Bectrical resistance line constant wire 5	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 4,5 A Electrical resistance line constant wire 57 Okm @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity min. wire 4,5 A Electrical resistance line constant wire 4,5 A Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC wi	Outer-diameter (jacket)	5,9 mm
Color (inner jacket) gray Material wire insulation PVC Amount wires 5 Outer diameter insulation 1.45 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation god machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C </td <td>Tolerance outer diameter (sheath)</td> <td>±5%</td>	Tolerance outer diameter (sheath)	±5%
Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 298-4 Current load capacity (standard) to DIN VDE 298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire (static)	Material inner jacket	PVC
Amount wires 5 Outer diameter insulation 1,45 mm Outer diameter lolerance core insulation 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (conductor - store) 300 V Max. rated voltage power (conductor - store) 350 V AC withstand voltage power (conductor - sheld) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s Max. operating temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance (Fiscal conductor related testing Gasoline resistance (Gaod, application-related testing Gasoline resistance (Good, application-related testing	Color (inner jacket)	gray
Outer diameter insulation 1,45 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor orsssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 4,5 A Electrical resistance line constant wire 350 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating	Material wire insulation	PVC
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 85 ± 5 Shore A Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Flame resi	Amount wires	5
Shore hardness wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor rosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega \text{Lm} \) @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing	Outer diameter insulation	1,45 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\overline{DMR} \) @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 5 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance	Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing	Shore hardness wire insulation	85 ± 5 Shore A
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 \(\Omega \text{km} \) @ 00 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 4,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 4,6 % @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature (static) 40 °C Operating temperature min. (dynamic) 5 °C Operating temperature max. (dynamic) 1,5 c ood, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance	Material properties wire insulation	good machinability
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V AC withstand voltage power (conductor - ground) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - shield) 1,5 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance [EC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Amount strands (wire)	42
Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Diameter of single wires	0,1 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance EC 6003, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance		0,34 mm ²
Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 350 V AC withstand voltage power (wire - shield) 1,5 kV @ 60 s Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Material conductor wire	Stranded copper wire, bare
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Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing		
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing		
Gasoline resistance Good, application-related testing		
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Oil resistance DIN EN 60811-404 Good, application-related testing		
	Oil resistance	DIN EN 60811-404 Good, application-related testing



Bending radius (fixed) 10 x Outer diameter

Bending radius (dynamic) 15 x Outer diameter