

M12 male 0° / M12 female 0° A-cod.

TPE 5x18AWG ye UL/CSA. ITC/PLTC 2m

Male straight – female straight Cable is approved for 600 V M12 – M12, 5-pole USA

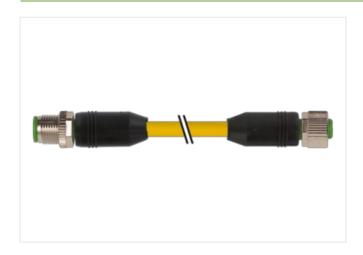
Cable is approved for 600 V

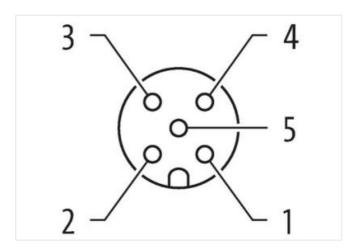
Plastic housings with good resistance against chemicals and oils.

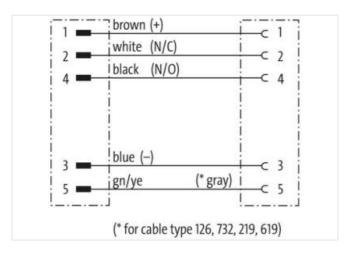
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

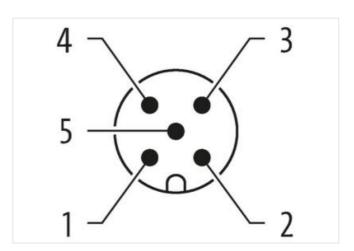
Link to Product

Illustration



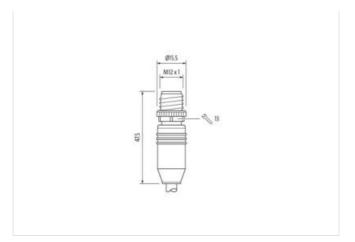


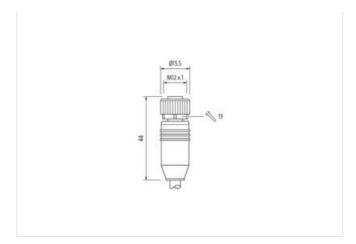






stay connected





Product may differ from Image



Cable length









Cable length	2111
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
No. of poles	5
Width across flats	SW13
Commercial data	
ECLASS-6.0	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	4048879531412
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V



stay connected

Operating voltage AC QLL silector)	Operating voltage DC max.	125 V
Cornering operating per contact max. 4 A		
Current (operating per content max.) Device protection Electrical Additional condition protection degree Pollution Degree Radies surpe voltage Mechanical data Mechanical data Continue for corrugated tose without Mechanical data Material data Continue for corrugated tose Mechanical data Material data Locking material Mechanical data Material data Continue for corrugated tose Mechanical data Material data PUR Locking material Mounting mater		
Additional condition protection degree inserted, screwed		
Additional condition protection degree insented, screwed Pollution Degree 3 Foliation De		70
Pollution Degree 3 Raided surge voltage 1,5 kV Marenial group (PEC 90864-1) I Machanical data Contour for corrugated hose without Machanical data Marenial data Multiput Machanical data Multiput Machanic		
Raced super voltage Material group (IEC 60664-1) I Contour for corrugated hose without Mechanical data Contour for corrugated hose without Mechanical data [Material data Codaing looking Material housing PUR Looking material Looking material Looking material Mounting method Insented, screwed, Shaking protection Environmental characteristics [Climatic Coperating temperature min. 25 °C Operating temperature min. Operating tem	<u> </u>	·
Methanical data Mechanical data Contorur for corrugated hose Mechanical data Material data Coating looking Nickeland Material prossing PUR Locking material Coating looking Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C Addisonal condition temperature range depending on cable quality Conformity Product atardard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color Yellow Type of Certificate Culflus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Min. Cable weight 10 3.4 g/m Material product (gacket) 7.75 mm Tolerance outer diameter (placket) 7.75 mm Tolerance outer diameter (placket) 1 (38 mm) Outer diameter (placket) 1 (38 mm) Outer diameter insulation 1 (58 WG Current load capacity (standard) 1 (51 WW Current load capacity (rin with standard) 1 (51 WW Current load capacity (rin with standard) Diameter of single wires 18 AWG Conductor over thistand on the Current, bare Current load capacity (with with standard) Current load capacity (with standard) Current lo		
Mechanical data without Mechanical data Material data Without Coating booking Nickeled Material housing PUR Locking material Zinc die casting Mechanical data Mounting data With Mechanical data Mounting data Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Comperating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Subsentification Cable is centificate URUs Amount standing 1 Filler yes wire arrangement brown, back, blue, white, green-yellow No. ot bending cycles (C-track) 10 Mo. Cable is denire (injection) 134 gm Material product straining (jacket) 19 Engenery (legen-yellow No. ot bending cycles (C-track) 10 Mo. Cable is denire (injection) 13.4 gm Mater		
Control for corrugated hose without Mechanical data Material data Michaeled Coating looking Nickeled Maderial housing PUR Locking material Zim die casting Mechanical data Mounting data Mechanical data Mounting data Mechanical data Mounting attain Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating immerature many Operating temperature many 25 °C Additional condition temperature many depending on cable quality Conformity Product standard In EN 61076-2-101 (M12) Installation Gable In En 410 (M12) Cable identification 161 Jacket Color yellow Type of Contificate CURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No of bending cycles (C-track) 10 Min. Cable weigh 103.4 g/m Material jacket TPE Freedom f	Material group (IEC 60664-1)	
Mechanical data Material data Coating locking Nickeled Material housing PUR Locking material Zinc discasting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Mechanical data	
Coating locking Nickelad Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min. 28 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Cable identification 161 141 142 Listal action Value Vesual Cable Vesual Cable Stranding 1 % see around Core filler twisted 1 Filter yes Vesual Cable weight 10 Min. Cable weight 1034, g/m Material jacket TPE Freadom from ingredients (jacket) Isade free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Outer diameter (jacket) 2.5 % Material wire insulation 9,20 mm Outer diameter (incleance once insulation) 1,50 mm 19 mm	Contour for corrugated hose	without
Material housing PUR Locking material Zinc die-casting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Additional condition temperature range 65 °C Additional condition temperature range depending on cable quality Conformity Product standard Installation Cable Cable identification 161 1 Jacket Color yellow 1 Type of Certificate cURus 1 Type of Certificate yes 1 Stranding 5 wires around Core filler twisted 1 Filter yes 1 Wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mo. Cable weigh TPE Freedom from ingredients (jacket) 10 A g/m Material wire insulation 25 % Culter-diameter (jacket) 7,75 mm Tolerance outer drameter (sheath) 1,53 mm	Mechanical data Material data	
Locking material Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Cable identification 161 4 Jacket Color yellow Type of Certificate cURus Amount stranding 1 5 Stranding 5 wires around Core filler twisted Filter yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigh 103.4 p/m Material jacket TPE Freedom from ingredients (jacket) 1,76 mm Oler-diameter (jacket) 2,76 mm Tollerance outer diameter (jacket) 5 Outer diameter (jacket)	Coating locking	Nickeled
Mechanical data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Material housing	PUR
Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min.	Locking material	Zinc die-casting
Environmental characteristics Climatic Operating temperature min.	Mechanical data Mounting data	
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification Cable identification 161 Jacket Color yellow Type of Cartificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Min. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation 1,93 mm Unter diameter tolerance core insulation 1,93 mm Unter diameter tolerance core insulation 1,93 mm Ingredient freeness wire insulation 1,93 mm Unter diameter tolerance core insulatio	Mounting method	inserted, screwed, Shaking protection
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cablo weigh 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) 17,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter surface 19 18 AWG Conductor crosssection (wire) 18 AWG Conductor vire Stranded copper wire, bare Current load capacity min. wire 9 A Electrical resistance line constant wire 0.01 No	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cablo weigh 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) 17,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter surface 19 18 AWG Conductor crosssection (wire) 18 AWG Conductor vire Stranded copper wire, bare Current load capacity min. wire 9 A Electrical resistance line constant wire 0.01 No	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Swires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weight 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) 10 Fee, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,33 mm Outer diameter tolerance core insulation 1 lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity min. wire 9 A Electrical resistance line constant wire 100 NV V Power frequency withstand voltage power 4 NV Power frequency withstand voltage power 4		
Conformity DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103.4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5% Material wire insulation PVC Amount wires 5 Outer diameter lolerance core insulation 1,93 mm Outer diameter lolerance core insulation 1,93 mm Outer diameter folerance core insulation 1,83 mm Outer diameter folerance core insulation 1,83 mm Outer diameter folerance core insulation 1,8 MG Material conductor wire 18 AWG Conductor corssectio		
Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigh 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Unter diameter freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Amount corossection (wire) 18 AWG Material conductor wire Stranded copp		
Installation Cable Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigh 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter insulation 1,93 mm Outer diameter of single wires 18 AWG Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 <td></td> <td>DIN FN 61076-2-101 (M12)</td>		DIN FN 61076-2-101 (M12)
Cable identification 161 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter tolerance core insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 <tr< td=""><td></td><td>DIV 214 01070 2 101 (W12)</td></tr<>		DIV 214 01070 2 101 (W12)
Jacket Color yellow	•	
Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Outer diameter tolerance core insulation 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power ALVIC 60 c.		
Amount stranding 1 Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation 1,93 mm Outer diameter tolerance core insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 24,50 cm		•
Stranding 5 wires around Core filler twisted Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter insulation 1,93 mm Under diameter insulation 1 bead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Filler yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Felectrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
No. of bending cycles (C-track) 10 Mio. Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV Ø 60 c		•
Cable weigth 103,4 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power	<u> </u>	
Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7.75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Freedom from ingredients (jacket) Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 19 A Material conductor wire Stranded copper wire, bare Current load capacity (standard) Current load capacity min. wire 9 A Electrical resistance line constant wire Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Outer-diameter (jacket) 7,75 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 KV @ 60 c		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Material wire insulation PVC Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ±5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		·
Amount wires 5 Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V		
Outer diameter insulation 1,93 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c		
Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c		
Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 19 Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Amount strands (wire) Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Diameter of single wires 18 AWG Conductor crosssection (wire) 18 AWG Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power		
Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power	· · ·	
Material conductor wire Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c		
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c	Material conductor wire	
Current load capacity min. wire 9 A Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c		
Electrical resistance line constant wire 22,5 Ω/km Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c		
Nominal voltage power AC max. 600 V Power frequency withstand voltage power 4 kV @ 60 c	Electrical resistance line constant wire	
	Nominal voltage power AC max.	· · · · · · · · · · · · · · · · · · ·
	Power frequency withstand voltage power (wire - jacket)	4 kV @ 60 s

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: 2024-04-27



AC withstand voltage power (wire - wire)	4 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	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
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m