

M8 male 0° A-cod. with cable

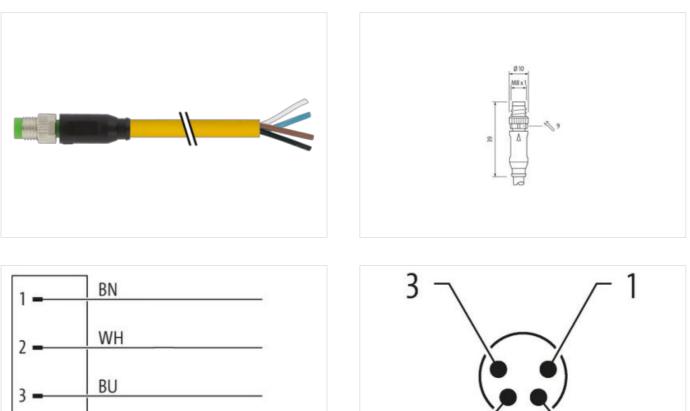
PUR 4x0.25 ye UL/CSA 5m

▲ NOTICE ▲ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight M8, 4-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request 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



BK

2

Product may differ from Image



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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Cable length	5 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	straight
Coding	A
Material contact	
Material	Copper alloy PUR
	4
No. of poles	
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Coating contact	gold plated
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	4048879233316
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M8 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
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material contact carrier	TPU
Locking material	Zinc die-casting
Material screw connection	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Environmental characteristics | Climatic

Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature may. 6dponding on cable quality Conformity INE N 61076-2-104 (M8) Installation (Cable 011 Cable divertification 011 Cable Type 1 Jacket Color yellow Type of Certificate cURus Anomat standing 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Tolerance outer diameter (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Tolerance outer diameter (jacket) 4.8 mm Outer diameter (jacket) 4.5 % Material wire insulation PVC Shore hardness wire insulation 9.5 % Material wire insulation 1.5 % Shore hardness wire insulation 9.0 C Anourt strands (wire) 1.4 <	
Additional condition temperature range depending on cable quality Conformity Product standard DIN EN 61076-2-104 (M8) Installation Cable Cable identification 011 Stranding 1 Stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore hardness jackst 85 ± 5 Shore A Freedom from ingredients (jacket) 1 ± 5 % Mount wires 4 Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.4 Diameter of single wires 0,15 mm Conductor crossesection (wire) 0.25 mm² Material properties wire insulation lead-free, cadmium-free, CPC-free, silicone-free </th <th></th>	
Contormity Product standard DIN EN 61076-2-104 (M8) Installation (Cable Cable identification 011 Cable identification 011 Cable Type 1 Jackat Color yellow Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arangement brown, black, blue, white Cable weight 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (gacket) 4 & Mm Tolerance outer diameter (sheath) ± 5 % Material inder insulation PVC Amount wires 4 Outer diameter insulation 1.25 mn Outer diameter insulation 4.5 % Shore hardness wire insulation 4.5 % Shore hardness wire insulation ead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires	
Product standard DIN EN 61076-2-104 (M8) Installation Cable Cable identification 011 Cable Type 1 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 34,76 g/m Material jacket PVC Shore hardness jacket 85 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (acket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.45 ± 5 Shore D Material wire insulation good machinability Ingredient freeness wire insulation 1.4 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.25 mm ²	
Installation Cable Cable identification 011 Cable identification 011 Cable identification 011 Cable identification Vellow Type of Certificate CURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) Isad-free, cadnium-free, CFC-free, silicone-free Outer diameter (gacket) 4.8 mm Tolerance outer diameter (cheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter ruberance core insulation ± 5 % Shore hardness wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Mount strands (wire) 14 Diameter of single wires 0.15 mm Conductor rosseection (wire) 0.25 mm ² Material conductor wire Strand copper wire, bare	
Cable identification011Gable Type1Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigh34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter diameter (sheath) $\pm 5 %$ Material jacketPVCAmount stranding1.25 mmOuter diameter (sheath) $\pm 5 %$ Shore hardness wire insulationPVCAmount wires4Outer diameter tolerance core insulation $\pm 5 %$ Shore hardness wire insulation 45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeses wire insulation 45 ± 5 Shore DMaterial conductor wire $215 mm$ Conductor type (wire)0.25 mm²Amount strands (wire)14Diameter of single wires $0,15 mm$ Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0284 4Current load capacity (wine-wire) $2 kV @ 60 s$ Power frequency withstand voltage (wine- wire) $2 kV @ 60 s$ <	
Cable Type1Jacket ColoryellowType of CertificateCURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath) $\pm 5\%$ Material jacketPVCAmount wires4Outer diameter tolerance core insulationPVCAmount wires4Outer diameter tolerance core insulation $\pm 5\%$ Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor rowssection (wire)0,25 mm²Material properties wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor type (wire)Strande cooper wire, bareConductor type (wire)Strande cooper wire, bareConductor type (wire)Strande cooper wire, bareConductor type (wire)Strande cooper CCurrent load capacity (strandard)to DIN VDE 0298-4 <td></td>	
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whileCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom Irom ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation± 5 %Outer diameter tolerance core insulation± 5 %Shore hardness wire insulationiead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mm²Conductor wireStranded copper wire, bareConductor wireStrand copper wir	
Type of Certificate URus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigh 34,76 g/m Material jacket PVC Shore hardness jacket 65 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance outer ore insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 45 ± 5 Shore D 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) 14 Diameter of single wires 0,15 mm Conductor rowsection (wire) 0.25 mm ² Material conductor wire Strand class 5 Nomina	
Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.8 mmTolerance outer diameter (sheath) $\pm 5 %$ Material wire insulationPVCAmount wires4Outer diameter folderation 1.25 mmOuter diameter insulation 1.25 mmOuter diameter insulation 45 ± 5 Shore DMaterial wire insulation 45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation 0.25 mm²Conductor crosssection (wire) 0.25 mm²Conductor rorssection (wire) 0.25 mm²Conductor type (wire)Strande copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max. 30.0 VCurrent toal capacity (standard)to DIN VDE 0298-4Current toal capacity min. wire 3.6 AElectrical resistance line constant wire 79.0 km $@ 20.°C$ AC withstand voltage (wire - wire) $2 kV @ 60 s$ Power frequency withstand voltage (wire - integen constant wire $2 kV @ 60 s$	
Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation god machinability Ingredient freeness wire insulation god machinability Ingredient freeness wire insulation 14 Diameter of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper vire, bare Conductor wire Strand class 5	
wire arrangement brown, black, blue, white Cable weigth 34,76 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance core insulation 1,25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Material properties wire insulation 1,25 mm Outer diameter tolerance core insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor vire Stranded copper wire, bare Conductor vire Stranded copper wire, ba	
Cable weigth34,76 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,8 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter insulation1,25 mmOuter diameter insulation \pm 5 %Material properties wire insulation \pm 5 %Shore hardness wire insulation $45 \pm$ 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor rorssection (wire)0,25 mm²Conductor vireStranded copper wire, bareConductor vireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to INI VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °C	
Material jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4.8 mmTolerance outer diameter (sheath) \pm 5 %Material wire insulationPVCAmount wires4Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation1,25 mmOuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation \pm 5 %Shore hardness wire insulationgood machinabilityIngredient freeness wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount wires0,15 mmConductor cossection (wire)0,25 mm²Conductor type (wire)Stranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - wire)2 kV @ 60 sNin: operating temperature (static)-30 °C	
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,6 A Electrical resistance line constant wire 79 Ωkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket)	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter insulation ± 5 % Shore hardness wire insulation ± 5 % Shore hardness wire insulation ± 5 % Material properties wire insulation ± 5 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire Stranded copper 4 <t< td=""><td></td></t<>	
Outer-diameter (jacket) 4,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,6 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 - acket) -30 °C	
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity min. wire 3,6 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 Min. operating temperature (static) -30 °C	
Material wire insulationPVCAmount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °C	
Amount wires4Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °C	
Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °C	
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,6 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) -30 °C	
Shore hardness wire insulation45 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °C	
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Q/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 s	
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 s	
Amount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °C	
Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °C	
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)-30 °CMin. operating temperature (static)-30 °C	
Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °C	
Conductor type (wire)Strand class 5Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire3,6 AElectrical resistance line constant wire79 Ω/km @ 20 °CAC withstand voltage (wire - wire)2 kV @ 60 sPower frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °C	
Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,6 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 Min. operating temperature (static) -30 °C	
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 3,6 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 Min. operating temperature (static) -30 °C	
Current load capacity min. wire 3,6 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 Min. operating temperature (static) -30 °C	
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 Min. operating temperature (static) -30 °C	
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C	
Power frequency withstand voltage (wire - jacket)2 kV @ 60 sMin. operating temperature (static)-30 °C	
jacket) 2 kV @ 60 S Min. operating temperature (static) -30 °C	
Max. operating temperature (fixed) 80 °C	
Operating temperature min. (dynamic) -5 °C	
Operating temperature max. (dynamic) 80 °C	
Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090	
chemical resistance Good, application-related testing	
Gasoline resistance Good, application-related testing	
Oil resistance Good, application-related testing DIN EN 60811-404	
Bending radius (fixed) 5 x Outer diameter	
Bending radius (dynamic) 10 x Outer diameter	

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at