

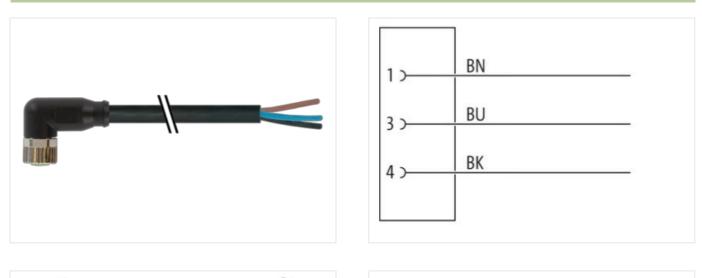
M8 female 90° A-cod. with cable

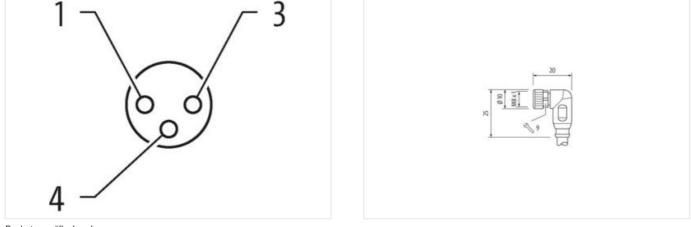
PVC 3x0.25 bk UL/CSA 10m

Female 90° M8, 3-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





Product may differ from Image



10 m

0,4 Nm

Cable length

Side 1

Tightening torque

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: 2024-04-02

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



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
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
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-6.1	27279218
ECLASS-0.1 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	4048879228473
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
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
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 gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
mation in this Product-PDF has been compiled with th	e utmost care.

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: 2024-04-02

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



Operating imperature max. 85 °C Additional condition temperature maye. Beprofing on cable quality. Contorning Beprofing on cable quality. Contorning Beprofing on cable quality. Contorning Bit Contorning Product standard DIN EN 61076-2-104 (M8) Installation (Cable Bit Contorning Cable identification 610 Cable identification Gable Contorning Type of Certificate culfus a Amount stranding 1 Stranding 3 wires wisted wire arrangement brown, black, blue Cable weight 29,37 gim Material jacket PVC Strone thandress jacket B5 15 Shore A Freecont rom ingredients (gicket) 4.5 mm Toterance outor diameter (bleath) 1.5 % Material vice installation 1.2 Smm Outer diameter installation 1.2 Sm Outer diameter installation 4.5 Shore D Material properiser we installation 1.5 % Shore hardness wire installation 4.5 Shore D	Operating temperature min.	-25 °C
Contornity Product standard DNEN 81076-2-104 (MB) Installation Cable Cable identification 610 Cable identification 610 Cable identification 610 Cable identification 610 Cable identification 610 Cable identification 610 Cable identification 610 Standing 1 Standing Standing 610 Cable weight 29.37 g/m Cable weight 620 620 Cable weight 29.37 g/m Cable weight 620	Operating temperature max.	85 °C
Product standard DIN EN 61076-2-104 (M6) Installication Cable iopen (Cable Type) 1 Cable iopen(Internation) 610 Cable Component (Cable Type) 1 Jacket Color Black Component (Cable Type) 1 Standing cll Rus Cable Color Black Standing 3 wires kvisled cll Rus Cable Color Black Standing Standing 3 wires kvisled Standing Standing Standing Waterial packet PVC Standing Standing Standing Cable weight Eds 5 Shore A Freedom Torm ingredonts (gatekt) Is 3 % Cable dameter (internation PVC Standing Standing Outer dameter (internation PVC Standing Standing Outer diameter (internation 1 & 5 % Standing Standing Standing Standing 9 CVC Standing Standing Outer diameter (internation 1 & 5 % Standing Standing Standing Standing 9 CVC Standing Standistanding	Additional condition temperature range	depending on cable quality
Instilation (Cable Cable identification 610 Cable identification 610 Cable ison (Cable Type) 1 Cable identification CuBlus Amount stranding 1 Stranding 3 wires twisted wire arrangement Drown, black, blue Cable weight 29,37 gm Material packet PVC Store brachess jacket 84 5 shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4,5 mm Tolerance suiter dimeter (sheath) 5 5 % Material ingredients isolation 1,25 mm Outer diameter insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material and virein 4 5 4 Shore D Material anductor wire 5 3 C	Conformity	
Instilation (Cable Cable identification 610 Cable identification 610 Cable ison (Cable Type) 1 Cable identification CuBlus Amount stranding 1 Stranding 3 wires twisted wire arrangement Drown, black, blue Cable weight 29,37 gm Material packet PVC Store brachess jacket 84 5 shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4,5 mm Tolerance suiter dimeter (sheath) 5 5 % Material ingredients isolation 1,25 mm Outer diameter insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material properties wire insulation 4 5 5 Shore D Material and virein 4 5 4 Shore D Material anductor wire 5 3 C		DIN EN 61076-2-104 (M8)
Cable identification 610 Cable Type 1 Cable Type 1 Cable Type 1 Type of Cartificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement prown, black, bue Cable weight 29.37 g/m Material jacket PVC Stranding 55 15 Store A Freedom from ingredients (jacket) 45 15 Store A Outer diameter (jacket) 45 15 Store A Outer diameter (sheatth) 5 5 % Cable experiment PVC Amount wires 3 Outer diameter insulation 1,25 mm Cuber diameter insulation 1,25 mm Cu		
Cable Type 1 Jacket Color black Type of Certificate URus Amount stranding 1 Stranding 3 wite strated wite arrangement brown, black, blue Cable weight 29,37 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) 4.5 mm Tolerance outer diameter (jacket) 4.5 mm Outer diameter insulation PVC Amount vires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 1.45 the Shore hardness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0.15 mm Conductor type Canductor type (wire) Strand class 5 Current load capacity (sindard) DN VDE 2028-4 Current load cap	·	640
Jacket Color black Type of Certificate CURus Anount stranding 1 Stranding 3 wires twisted wire arrangement brown. black. blue Cable weight 28.37 grin Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredents (jacket) ke3 ± 5 Shore A Freedom from ingredents (jacket) ke3 ± 5 Shore A Tolerance outer diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) 4.5 mm Tolerance outer diameter (jacket) 1.25 mm Outer diameter installation 1.26 mm Conductor rows 0.15 mm Conductor rows		
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 29,37 g/m Material jackot PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4.5 rm Tolerace outer diameter (sheath) ± 5 % Material jacket 87 % Tolerace outer diameter (sheath) ± 5 % Material properties wire insulation 1,25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation 4 5 ± 5 Shore D Material properties wire insulation lead free, cadmium-free, CPC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor type (wire) Strand class 5 Current oad capacity min. wire 4,5 A Electrical resistance line constant wire		
Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 29,37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom Irom ingredients (jacket) Iead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (saket) 4,5 mm Tolerance outer diameter (saket) 4,5 mm Outer diameter insulation PVC Amount wires 3 Outer diameter insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 4,5 % Shore hardness wire insulation godd machinability Ingredient treeness wire insulation godd machinability Ingredient treeness wire insulation los 5 mm Conductor trossection (wire) 0,25 mm ² Conductor type (wire) Strandd copper wire, bare		
Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 29,37 g/m Material jacket PVC Shore hardness jacket 65 ± 5 Shore A Freedom from ingredients (jacket) 4,5 mm Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,25 mm Outer diameter insulation g ± 5 Shore D Material properties wire insulation g ± 5 % Shore hardness wire insulation g ± 5 % Conductor crossection (wire) 14 Diameter of single wires 0,15 mm Conductor vine Strand dass 5 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Dkm @ 20 °C Nominal voltage power (wire - wire) 2 kV @ 60 s Material properture mink (wine) 3 °C Operating temperature (static) 30 °C	,,	
wire arrangementbrown, black, blueCable weight29.37 g/mCable weight29.37 g/mMaterial jacketPVCShore hardness jacket65 ± 5 Shore AFreedom from ingredients (jacket)lead-tree, cadmium-free, CFC-tree, silicone-freeOuter-diameter (jacket)4.5 mmTolerance outer diameter (jacket)4.5 %Material jacket9VCAmount wires3Outer diameter (isulation1.25 mmOuter diameter (jacket)1.5 f %Shore hardness wire insulation1.5 f %Shore hardness wire insulation4 5 f %Shore hardness wire insulation4 5 ± 5 %Shore hardness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount stands (wire)14Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount stands (wire)1.4Onductor type (wire)0.15 mmConductor type (wire)0.25 mm²Conductor type (wire)Stranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor type (wire)Stranded copper vire, bareComductor wire spacity (standard)to DIN VDE 0289-4Current load capacity min. wire4.5 AElectrical resistance line constant wire79 Ω Arm @ 20 °CNominal voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (statc)-30 °COperating temperature (statc)-30 °COperating temperature (statc)-50 °COperati		
Cable weigh 29.37 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) Iead-free, cadinium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (sheath) ± 5 % Material wire insulation 1.25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation ged free, cadmium free, CFC-free, silicone-free Amount stands (wire) 14 Diameter tolerance core insulation 14 Diameter of single wires 0,15 mm Conductor crossection (wire) 0.25 mm³ Material conductor wire Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0290 °C Nominal voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Nominal voltage power (wire - wire) 2 kV @ 60		
Material jacket PVC Shore harchness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (shoath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter 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 lead-free, cadmium-free, CFC-free, silicone-free Amount wires 0.15 mm Conductor type (wire) 0.15 mm Conductor type (wire) 0.25 mm² Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load c	-	
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (sheath) ± 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 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 crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Current load capacity (skinadard) to DIN VDE 0298-4 Current load capacity (skinadard) to DIN VDE 0298-4 Current load capacity (skinadard) to O C <td></td> <td></td>		
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, sillcone-free Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter or logitation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 45 ± 5 Shore D Material wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Dameter of single wires 0,15 mm Conductor cossection (wire) 0,25 mm ² Material properties wire insulation to JN type opporties, a stranded copper wire, bare Conductor tripe (wire) 0,25 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min, wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand volt		
Outer-diameter (jacket) 4.5 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PVC Amount wires 3 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 vires 0.15 mm Conductor or cossection (wire) 0.25 mm ⁹ Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor or cossection (wire) 0.25 mm ⁹ Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min: wire 4,5 A Electrical resistance line constant wire 79 0/km @ 20 °C Nominal voltage power AC max. 300 V <		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter 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 rossestion (wire) 0,25 mm ² Material conductor wire Strande dopper wire, bare Conductor type (wire) Strand class 5 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power (wire - wire) 2 kV @ 60 s Active ing temperature (static) -30 °C Max operating temperature (static) -30 °C Querating temperature (static) -5 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (static) -5 °C Operating temperature (fixed) 8		
Material wire insulation PVC Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter iolerance core insulation 45 % Shore hardness wire insulation 45 ± 5 Shore D Material properties wire insulation go the state of the state o		•
Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter insulation 45 ± 5 Shore D 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 crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to IN VDE 0298-4 Current load capacity winkstand voltage power 2 kV @ 60 s Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) 80 °C Operating temperature max. (dynamic) 80 °C Operating temperature max. (dynamic)	. ,	
Outer diameter 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 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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A <t< td=""><td></td><td></td></t<>		
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 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stran class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Rever frequency withstand voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) 5 °C Operating temperature min. (dynamic) 5 °C Operating temperature min. (dynamic) 80 °C UV resistance UI. 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2 <tr< td=""><td></td><td></td></tr<>		
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 crossection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2k V @ 60 sMax. operating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (max).80 °COperating temperature (fixed)80 °COperating temperature fixeUI 1581 § 1090 IEC 60332-2.2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-r		
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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Querating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 6032-2 · 2		
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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s AG: withstand voltage power (wire - wire) 2 kV @ 60 s Max. operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C VV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing <t< td=""><td>Shore hardness wire insulation</td><td></td></t<>	Shore hardness wire insulation	
Amount strands (wire)14Diameter of single wires0,15 mmConductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (static)-30 °COperating temperature (min. dynamic)-5 °COperating temperature (static)-30 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related te		
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 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s Kirie - jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (inc. dynamic) -5 °C Operating temperature max. (dynamic) -5 °C UV resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire)0,25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameter	Amount strands (wire)	14
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related tes	Diameter of single wires	0,15 mm
Conductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4.5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-	Conductor crosssection (wire)	
Current Ioad capacity (standard) to DIN VDE 0298-4 Current Ioad capacity min. wire 4,5 A Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-relate	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire4,5 AElectrical resistance line constant wire79 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameter	Conductor type (wire)	Strand class 5
Electrical resistance line constant wire 79 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2 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	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceS x Ou	Current load capacity min. wire	4,5 A
Power frequency withstand voltage power (wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingSolid resistanceSolid relation for the static destingSolid resistanceSolid relation for the static desting	Electrical resistance line constant wire	79 Ω/km @ 20 °C
(wire - jacket)2 kV @ 60 sAC withstand voltage power (wire - wire)2 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceS × Outer diameter	Nominal voltage power AC max.	300 V
Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)80 °CUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceS × Outer diameter		2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance So od, application-related testing DIN EN 60811-404 Bending radius (fixed)	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 5 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Sending radius (fixed) 5 x Outer diameter	Max. operating temperature (fixed)	80 °C
UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 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	Operating temperature max. (dynamic)	80 °C
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	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	
	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: 2024-04-02

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