

M8 male 0° A-cod. with cable

PUR 3x0.25 bk UL/CSA 4m

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

Male straight M8, 3-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

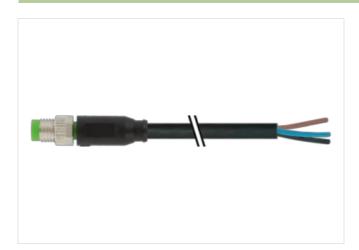
Plastic housings with good resistance against chemicals and oils.

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

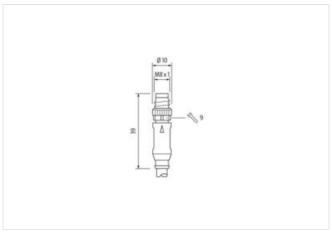
Further cable lengths on request.

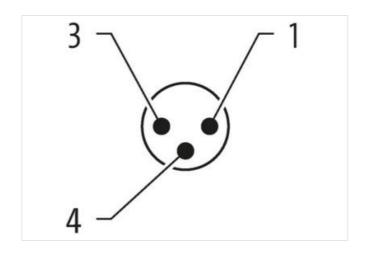
Link to Product

Illustration









Product may differ from Image













Cable length 4 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 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-7.0 27279218 ECLASS-8.0 27279218 FCLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879362719 Packaging unit Electrical data | Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V 30 V Operating voltage AC (UL-listed) 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) Mechanical data | Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting

Material screw connection

Mechanical data | Mounting data

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Brass



Mounting method

inserted, screwed, Shaking protection

| Environmental characteristics Climatics Coperating temperature min. 25 °C Operating temperature min. 25 °C Additional condition temperature range operating on cable quality Conforming Product standard DIN EN 61076-2-114 (Ms) Installation Cable Insta | | mostos, satomos, straturg protostor |
|--|--|--|
| Operating temperature max 85 °C Additional condition temperature range 6 depending on cable quality Contomity Product standard DIN EN 61076-2-114 (M8) Installation (Cable Cable identification 6 620 Cable itype 2 2 Josebet Color black Type of Cortificate cufficate cuffus Amount stranding 1 1 Stranding 3 wires twisted wire arrangement 5 brown, black, blue 6 Cable weight 26.62 g/m Material jacket PIVR Shore hardness include 1 1,3 mm Tolerandor unter indirect (sheath) 1,5 % Material wire insulation PVC Amount stranding 1,5 % Material wire insulation PVC Amount wires 3 3 Culter diameter (sheath) 1,5 % Material wire insulation PVC Material wire insulation 1,25 mm Culter diameter insulation 1,5 mm Culter diameter insulation 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,0 mm Material productor wire 1,0 mm Material prod | Environmental characteristics Climatic | |
| Operating temperature max 85 °C Additional condition temperature range 6 depending on cable quality Contomity Product standard DIN EN 61076-2-114 (M8) Installation (Cable Cable identification 6 620 Cable itype 2 2 Josebet Color black Type of Cortificate cufficate cuffus Amount stranding 1 1 Stranding 3 wires twisted wire arrangement 5 brown, black, blue 6 Cable weight 26.62 g/m Material jacket PIVR Shore hardness include 1 1,3 mm Tolerandor unter indirect (sheath) 1,5 % Material wire insulation PVC Amount stranding 1,5 % Material wire insulation PVC Amount wires 3 3 Culter diameter (sheath) 1,5 % Material wire insulation PVC Material wire insulation 1,25 mm Culter diameter insulation 1,5 mm Culter diameter insulation 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,5 mm Material properties wire insulation 1,0 mm Material productor wire 1,0 mm Material prod | Operating temperature min. | -25 °C |
| Additional condition temperature range Conformity Forduct standard DIN EN 61076-2-114 (M8) Installation Cable Cable Infeation 620 Cable Infeation | · • · | 85 °C |
| Contromity Product standard DIN EN 61076 2-114 (M8) Insaliation Cable Cable (derification 620 Cable (type) 2 2 Jacket Cofor black 3 Uppe of Certificate CURUS Amount stranding 1 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Cable weight 26,82 g/m Marerial jacket PUR Store hardness jacket 85 ± 5 Shore A Store hardness jacket 85 ± 5 Shore A Store landness jacket 85 ± 5 Shore A Cuter-dismeter (jacket) 4,3 mm Cuter-dismeter (jacket) 4,3 mm Cuter-dismeter (jacket) 4,5 mm Cuter-dismeter (jacket) 4,5 mm Outer dismeter (standard) 1,25 mm Outer dismeter trisulation 1,25 mm | | depending on cable quality |
| Product standard | | |
| Cable identification 620 Cable Inject Color Datack Type of Certificate CURus Amount stranding 1 Stranding 3 wires twisted Wile arrangement Drown, Back, Dise Store Angel Color Color Store A | | DIN 5N 04070 0 444 (M0) |
| Cable identification 620 Cable Type 2 2 Sacket Color black Type of Certificate cURus Amount stranding 1 Stranding 3 wives twisted Wife arrangement brown, black, blue Cable weight 26,682 g/m Wife arrangement brown, black, blue Cable weight 26,682 g/m Wife arrangement brown, black, blue Cable weight 26,682 g/m Wife arrangement brown, black, blue Cable weight 26,682 g/m Wife arrangement brown, black, blue Cable weight 26,682 g/m Wife arrangement glacket PUR Shore hardness jacket PUR Shore hardness jacket 85 ± 5 Shore A Shore diameter (gacket) 4,3 mm Tolerance outer diameter (gacket) 4,3 mm Tolerance outer diameter (gacket) 5,5 mm Wife insulation PVC Amount wires 3 Souter diameter insulation PVC Amount wires 3 Shore hardness wire insulation ± 5 % Shore hardness wire insulation 25 % Shore hardness wire insulation good machinability Good machinability Diameter of single wice Conductor type (wire) 32 Diameter of single wice Conductor type (wire) 4,25 mm Wife on the conductor wire Shanes wire insulation 5 mm Qac Shore Conductor type (wire) strands Good poper wire, bare Conductor type (wire) 5 mm Qac Shore Conductor type (wire) 6 mm Qac Shore Conductor type (wire) 6 mm Qac Shore Conductor type (wire) 6 mm Qac Shore Conductor type (wire) 7 mm Qarme Qac Shore Conductor type (wire) 6 mm Qac Shore Conductor type (wire) 7 mm Qarme Qac Shore Conductor type (wire) 7 mm Qarme Qac Shore Conductor type (wire) 8 mm Qac Shore Conductor type (wire) 8 | Product standard | DIN EN 610/6-2-114 (M8) |
| Cable Type 2 Jacket Color black Jacket Color black Virge of Certificate cURus Annount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 26.82 gm Makerial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 48.7 mm Under diameter (jacket) 4.3 mm Tolersnoe outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation 1,25 mm Outer diameter trisulation 4.5 % Shore bardness were insulation 4.5 % Shore bardness were insulation 4.5 % Material properties wire insulation 4.5 % Shore bardness were insulation 4.5 % Shore bardness were insulation 4.5 % Shore bardness were insulation 4.5 % Collect diameter toles were insulation 4.5 % C | Installation Cable | |
| Jacket Color Dack | Cable identification | 620 |
| Type of Certificate CURsus Amount stranding 1 Stranding 3 wires twisted Wire arrangement brown, black, blue Cable weight 26,62 g/m Maderial jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from Ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free User diameter (jacket) 4.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Material wire insulation PVC Material properties wire insulation 1,25 mm Outer diameter (sheath) ± 5 % Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 4 ± 5 Shore D Material properies wire insulation 4 ± 5 Shore D | Cable Type | 2 |
| Amount stranding 1 Stranding 3 wives twisted wive arrangement brown, black, blue Cable weigth 26.62 g/m Material jacket PUR Shore hardness jacket 185 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outlet-diameter (jacket) 4,3 mm Tolerance outer diameter (shacket) 25 % Material wive insulation PVC Amount wires 3 3 Quiter diameter insulation 1,25 mm Outler diameter insulation 1,25 mm Outler diameter insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 1,25 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter insulation 20 mm Material properties wire insulation 1,25 mm Outler diameter tolerance core insulation 1,25 mm Outler diameter folderance core insulation 1,25 mm Material properties wire insulation 20 mm Material properties wire insulation 1,25 mm Outler diameter of single wires 0,1 mm Conductor (rosssection (wire) 32 Diameter of single wires 0,1 mm Conductor (rosssection (wire) 0,25 mm² Material conductor wire 1,25 mm² Conductor (rosssection (wire) 1,25 mm² Material conductor wire 1,25 mm² Conductor (ross properties of the prope | Jacket Color | black |
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| wire arrangement brown, black, blue Cable weight 26,62 g/m Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freadom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Armount wires 3 Outer diameter insulation 1,25 mm Outer diameter insulation 43 ± 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) 32 Diameter of single wires 0,1 mm Conductor ressection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) 5 m @ 25 °C horizontal Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. | Amount stranding | 1 |
| Cable weigth 26,52 g/m Material jacket PUR Material jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation 12 mm Ingredient freeness wire insulation 12 mm Ingredient freeness wire insulation 12 mm Conductor of single wires 0,1 mm Conductor yeigen wire 0,1 mm Conductor type (wire) 5 tranded copper wire, bare Material conductor wire Stranded copper wire, bare Straversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) <td< td=""><td>Stranding</td><td>3 wires twisted</td></td<> | Stranding | 3 wires twisted |
| Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter bolerance core insulation ± 5 % Shore hardness wire insulation ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient f | wire arrangement | brown, black, blue |
| Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter louerance core insulation ± 5 % Shore hardness wire insulation 42 ± 5 Shore D Material properties wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient reeness wire insulation good machinability Ingredient reeness wire insulation 1.5 mm Amount strands (wire) 32 Diameter of single wires 0.1 mm Conductor crossection (wire) 0.25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 5 m @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (si | Cable weigth | 26,62 g/m |
| | Material jacket | PUR |
| Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter Insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor of single wires 0,1 mm Conductor type (wire) Stranded copper wire, bare Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity win. wire 4,5 A Electrical resistance line constant wire 79 Q/km @ 20 °C AC withstand voltage | Shore hardness jacket | 85 ± 5 Shore A |
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| Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation good machinability Ingredient freeness wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Traver speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity min. wire 4,5 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 - iackel) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature min. (dynamic) 5 °C | Outer-diameter (jacket) | 4,3 mm |
| Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter loterance core insulation ± 5 % Material properties wire insulation 32 ± 5 Shore D Material properties wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Mm. operating temperature (static) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (static) 80 °C </td <td>Tolerance outer diameter (sheath)</td> <td>± 5 %</td> | Tolerance outer diameter (sheath) | ± 5 % |
| Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 2,5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crossection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 4,5 A Cellectrical resistance line constant wire 79 ΩKm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire) 2 kV @ 60 s Min. operating temperature (fixed) 80 °C Operating temperature (min. (dynamic) 5° °C Operating temperature min. (dynamic) 80 °C UV resistance DIN EN 60811-404 Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Material wire insulation | PVC |
| Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Traversing distance (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 4,5 A Electrical resistance line constant wire 2 kV @ 60 s Power frequency withstand voltage (wire - acket) 2 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dyn | Amount wires | 3 |
| Shore hardness wire insulation Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Mominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 10 V resistance EleC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing DIN EN 160811-404 Good, application-related testing DIN EN 160811-404 Good, application-related testing DIN EN 160811-404 Good, application-related testing | Outer diameter insulation | 1,25 mm |
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| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Traver speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4.5 A Electrical resistance line constant wire 79 \(\Omega \text{Line} \) @ 0 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Shore hardness wire insulation | 43 ± 5 Shore D |
| Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - aiacket) 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 UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-rel | Material properties wire insulation | good machinability |
| Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (static) -30 °C 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 Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing DIN EN 60811-404 Good, application-related testing | Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Conductor crosssection (wire) Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V Current load capacity (standard) Current load capacity min. wire 4,5 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) Max. operating temperature (static) AD °C 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 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Amount strands (wire) | 32 |
| Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - alock) 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 UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 160 4, application-related testing DIN EN 60811-404 Good, application-related testing | Diameter of single wires | 0,1 mm |
| Conductor type (wire) strand class 6 Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (intend) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 160811-404 Good, application-related testing | Conductor crosssection (wire) | 0,25 mm ² |
| Traversing distance (C-track) 5 m @ 25 °C horizontal Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Material conductor wire | Stranded copper wire, bare |
| Travel speed (C-track) 2 Mio. @ 25 °C Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - aiacket) Min. operating temperature (static) -30 °C 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 Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Conductor type (wire) | strand class 6 |
| Nominal voltage AC max. 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing DIN EN 60811-404 Good, application-related testing | Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Current load capacity (standard) Current load capacity min. wire 4,5 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) Min. operating temperature (static) -30 °C 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing | Travel speed (C-track) | 2 Mio. @ 25 °C |
| Current load capacity min. wire 4,5 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 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing | Nominal voltage AC max. | 300 V |
| 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 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing | Current load capacity (standard) | to DIN VDE 0298-4 |
| 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 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing | Current load capacity min. wire | 4,5 A |
| Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) B0 °C Operating temperature max. (dynamic) B0 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| Min. operating temperature (static) Max. operating temperature (fixed) Max. operating temperature (fixed) Max. operating temperature min. (dynamic) Operating temperature min. (dynamic) B0 °C Operating temperature max. (dynamic) B0 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing | AC withstand voltage (wire - wire) | 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | | 2 kV @ 60 s |
| Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing | Min. operating temperature (static) | -30 °C |
| Operating temperature max. (dynamic) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Max. operating temperature (fixed) | 80 °C |
| UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Operating temperature min. (dynamic) | -5 °C |
| Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Operating temperature max. (dynamic) | 80 °C |
| Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | UV resistance | DIN EN ISO 4892-2 A |
| Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing | Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| Oil resistance DIN EN 60811-404 Good, application-related testing | chemical resistance | Good, application-related testing |
| | Gasoline resistance | Good, application-related testing |
| Bending radius (fixed) 10 x Outer diameter | Oil resistance | DIN EN 60811-404 Good, application-related testing |
| | Bending radius (fixed) | 10 x Outer diameter |



Bending radius (dynamic)

15 x Outer diameter