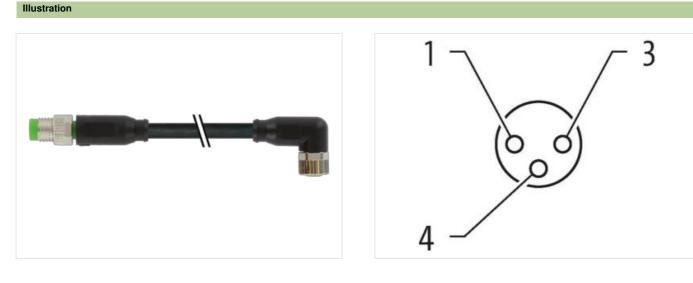


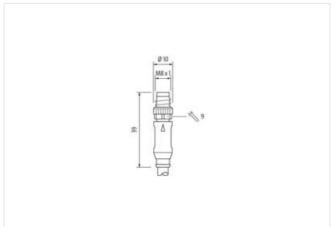
M8 male 0° / M8 female 90° A-cod.

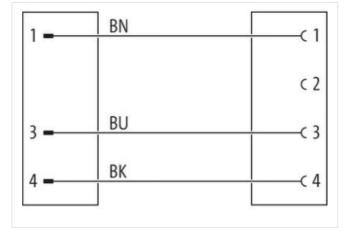
PUR 3x0.25 bk UL/CSA 0.45m

Male straight – female 90° M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. 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.

Link to Product

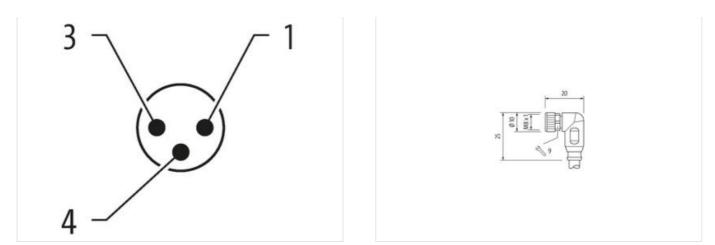






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19 Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk





Product may differ from Image



| Cable length | 0,45 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 |
| No. of poles | 3 |
| Width across flats | SW9 |
| Side 2 | |
| Tightening torque | 0,4 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M8 |
| Thread | M8 x 1 |
| Material contact | Copper alloy |
| No. of poles | 3 |
| 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 | 4048879128735 |
| Packaging unit | 1 |
| Electrical data Supply | |

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Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



| Operating veltage AC (UL listed) 30 V Contraint generating are contact max. 4 A Diagnostic Status indication LED no Device protection [Electrical Device protection [Electrical Device protection [Electrical Deprice of protection [Electrical Instatus and condition protection degree instatus and condition protection degree Relation and condition protection degree instatus and condition protection degree instatus and condition protection degree Relation are condition protection degree instatus and condition protection degree instatus and condition protection degree Relation are contage 3 instatus and condition protection degree instatus and condition protection degree Relation are contage 0 Notelid instatus and condition protection degree Relation are contage 0 Notelid instatus and condition protection degree Relation are contage PUR Contage contag | | |
|--|--|--|
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| Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Diagnostics Status infloation LED no Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection [Electrical Device protection (Electrical Device protection (Electrical Device protection [Electrical Screwed Device protection (Electrical Material position Noteled Material position Material position PUR Device casing Mechanic data (Invonting data Device protection Device casing Mechanic data (Invonting data Bevice protection Device casing Mounting method Inserted, screwed. Shaking protection Device casing Devicin gramperature max. 85 °C Device casing Device casing Devicing protection temper | | |
| Current operating per contact max. 4 A Diagnocities Status indication LED no Dearner of protection Elucitical Dearner of protection (EN LEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, scrowed Patulation at condition protection degree 3 Rated surge voltage 1,5 kV Machanical data Machanical data Coading locking Nicked Material agost FRM Material agost FRM Coading locking PUR Coading locking PUR Coading machanical data Mounting data Tree discussed Machanical data Mounting data Tree discussed Mounting method inserted, screwed, Stabling protection Environmental characteristics Climatic Climatic Operating temperature max. 85 °C Additional condition temperature ranz. 85 °C Cadoentry 2 Production 620 Cadoe dontification 620 Cable dontification | | |
| DiagnosticsStatus indication LEDnoDevice protection (ENLEC 6028)P56, P57, P58, P56KAddinonal condition protection degreenearted, screwedOptional protection degreenearted, screwedMatural group (EC 6066-17)1Mechanic data (Metricia data)NickeladMechanic data (Metricia data)NickeladMechanic data (Metricia data)P08Matural group (EC 6066-17)1Cading lockingNickeladMatural group (EC 6066-17)1Mechanic data (Metricia data)P08Matural group (EC 6066-17)2Matural probating dataP08Muturing methonNickeladMuturing methonSo CoConting temperature man.25 °COperating temperature man.26 °COperating temperature man.26 °COperating temperature man.26 °CCadional Contol10 NEN 61078-2114 (M8)Intellational Cable20Cable Color10 AdvStarding40 AdvType C Catifical20 AdvCable Color26 AdvCable Starding40 AdvType C Catifical20 AdvCable Morein25 °S Store A | | |
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| Additional condition protection degree inserted, screwed Pollution Degree 3 Related surge voltage 1.5 kV Material group (IEC 6064-1) 1 Material group (IEC 6064-1) 1 Material group (IEC 6064-1) 1 Material data FKM Material position PUR Locking material Zn die casting Material position Gateria casting Material position Gaterial casting Material position Gaterial casting Material casting casting material Zn cide-casting Material condition temperature main. 25 °C Operating temperature main. 25 °C Operating temperature main. 85 °C Additional condition temperature main. 65 °C Contromity Casting condition Product standard DIN EN 61076-2·114 (M6) Institution (Cable Cable casting) Cable diversification 620 Cable transition (Cable Cable casting) Type al Cartification 620 Cable diversification | Device protection Electrical | |
| Polition Degree 3 Rated surge voltage 1,5 kV Material group (EC 6064-1) 1 Mechanical data Material data Conting (EC 6064-1) Conting tooking Nickeled Material gaset FKM Material paster FKM Material paster FKM Material paster Zinc die casting Mechanical data Mouning data Mouning method Inserted, soreweld, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temparature range depending on cable quality Conternity Environmental condition temparature range Product standard DIN EN 61076 2-114 (M8) Installation[Cable Cable Gabi Identification Cable Identification 620 Cable Identification 620 Cable Identification 1 Stranding 3 wires twisted Wire strangement Drown, black, blue Cable weight 26.62 grim Mat | Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
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| Material group (IEC 60864-1) I Material graditical data Kokeled Coating locking Nickeled Material gradit FKM Material gradit Zinc die- casiing Mechanical data Munting data Extromental characteristics Climatic Coperating temperature min. -25 °C Operating temperature main. 25 °C Operating temperature maps depending on cable quality Contomity Environmental characteristics Climatic Product standard DIN EN 81076-2-114 (M8) Installetion Cable Cable of type Cable Type 2 Cable Type 2 Cable Type 2 Cable Color black Type ol Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire strangement brown, black, blue Cable weigh 2 | Pollution Degree | 3 |
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| Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | | 85 ± 5 Shore A |
| Outer-diameter (jacket)4,3 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | | lead-free, cadmium-free, CFC-free, silicone-free |
| Tolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | | 4,3 mm |
| Material wire insulationPVCAmount wires3Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | • · | |
| Outer diameter insulation1,25 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | Material wire insulation | PVC |
| Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | Amount wires | 3 |
| Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | Outer diameter insulation | 1,25 mm |
| Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | Outer diameter tolerance core insulation | ±5% |
| 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 | Shore hardness wire insulation | 43 ± 5 Shore D |
| Amount strands (wire)32Diameter of single wires0,1 mmConductor crosssection (wire)0,25 mm² | Material properties wire insulation | good machinability |
| Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm² | Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Conductor crosssection (wire) 0,25 mm ² | Amount strands (wire) | 32 |
| | Diameter of single wires | 0,1 mm |
| Metavial conductor wine Strondod concerning here | Conductor crosssection (wire) | 0,25 mm ² |
| waterial conductor wire Stranded copper wire, bare | Material conductor wire | Stranded copper wire, bare |

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: 2024-05-19

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| 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) | 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 | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |

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