

M12 female 90° A-cod. with cable shielded

PUR 8x0.25 shielded bk UL/CSA+drag ch. 15m

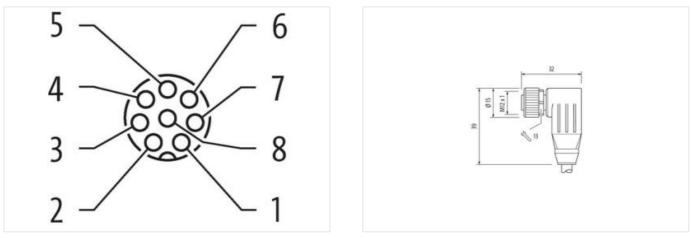
Female 90° M12, 8-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



| $1 \rightarrow \frac{1}{1}$ | | |
|-----------------------------|----|-----|
| 2 | BN | 1 1 |
| 3 1 1 | GN | 1 |
| | YE | |
| | GY | |
| | PK | |
| | BU | |
| | RD | |
| | | `_` |



Product may differ from Image



15 m

0,6 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: 2024-05-10

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



| Family construction from M12 Thread M12 × 1 Material M12 × 1 Material M12 × 1 Material W18 Degree of protection (EN IEC 0552) W19 ECLASS 5.0 272792 IS ECLASS 5.0 272792 IS ECLASS 5.0 272792 IS ECLASS 5.0 27050511 ECLASS 5.1 27050511 ECLASS 5.20 27050511 ECLASS 5.10 1 Electric datal Suppi 30 V Comparing voltage AC (UL-stated) 30 V Operatin | Mounting method | inserted, screwed |
|---|--|---|
| Material PUF Width across Rats SW13 Degree of protection (EN EC 65629) IPES, IPES, IPES, IPES Commercial data ECASS-7.0 ECASS-7.0 2727218 ECASS-7.0 2727218 ECASS-7.0 27273718 ECASS-8.0 27250311 ECASS-7.0 27050311 ECASS-8.10 27050311 ECASS-8.11 27050311 ECASS-8.12 2705031 ECASS-8.12 2705031 ECASS-12 2705031 ECASS-12 2705031 ECASS-12 30 V Operating number of themace the t | Family construction form | M12 |
| Width across flats SW13 Degree of protection [EN IEC 00529] IPES, IPESA, IPEA ECLASS 8.0 22727818 ECLASS 8.0 2727818 ECLASS 8.0 2727818 ECLASS 8.0 2727818 ECLASS 8.0 2727818 ECLASS 8.0 27000311 ECLASS 8.1 27000311 ECLASS 8.1 27000311 ECLASS 8.1.1 2700031 ECLASS 8.1.2 2700031 ECLASS 8.1.2 2700031 ECLASS 8.1.2 2700031 ECLASS 8.1.2 2700031 ECLASS 9.1.2 2700031 ECLASS 9.1.2 2700031 ECLASS 9.2 2700031 ECLASS 9.3 2700031 Calabry 1 404897846801 Packaging unit 1 Electricid data ISuppi 00 Operating voltage AC Max. 30 V Operating voltage AC Max. | Thread | M12 x 1 |
| Degree of protection (EN IEC 60529) IP66, IP66K, IP67 Commercial data FUEXASE.0.0 27279218 ECLASS 5.0.0 27279218 ECLASSE.0.0 27279218 ECLASS 5.0.0 27279218 ECLASSE.0.0 27260511 ECLASS 5.0.0 27060511 ECLASSE.0.0 27060511 ECLASS 5.1.0 27060511 ECLASSE.0.0 ECLASSE.1.0 ECLASS 5.1.0 27060511 ECLASSE.0.0 ECLASSE.1.0 ECLASS 5.1.0 27060511 ECLASSE.0.0 ECLASSE.0.0 ECLASSE.1.0 27060011 ECLASSE.0.0 ECLASSE.0.0 ECLASSE.1.0 27060011 ECLASSE.0.0 ECLASSE.0.0 ECLASSE.1.0 2600011 ECLASSE.0.0 ECLASSE.0.0 ECLASSE.1.0 4844290 ECLASSE.0.0 ECLASSE.0.0 Grant of untard or and an extern of an | Material | PUR |
| Commercial data U ECLASS 9.0 27727018 ECLASS 9.0 27727018 ECLASS 9.0 27727018 ECLASS 9.0 27700011 ECLASS 9.0 27060011 ECLASS 10.1 27060011 ECLASS 10.1 27060011 ECLASS 12.0 27060011 ECLASS 12.0 27060011 ECLASS 12.0 27060011 ECLASS 12.0 27060011 CASS 12.0 27060011 Device protein | Width across flats | SW13 |
| ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 2729219 ECLASS-8.0.1 27060311 ECLASS-1.1 27060311 ECLASS-2.0 2707031 ECLASS-2.0 2706031 ECLASS-2.0 2706031 ECLASS-2.0 2706031 ECLASS-2.0 2707031 ELASS-2.0 2707031 ELASS-2.0 2707031 ELASS-2.0 20 Operating voltage OC max. 30 V Operating voltage OC max. 30 V Operating voltage oro contact max. | Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| ECI.ASS 7.0 27279218 ECI.ASS 8.0 27779218 ECI.ASS 9.0 27660311 ECI.ASS 9.1 27660311 ECI.ASS 9.1 27660311 ECI.ASS 9.1 27660311 ECI.ASS 9.1 27660311 ECI.ASS 9.1.1 27660311 ECI.ASS 9.1.2 27660311 ECI.ASS 9.1.1 27660311 ECI.ASS 9.1.2 27660311 ECI.ASS 9.1.1 27660311 ECI.ASS 9.1.2 27660311 Ecitical distil Supply 2 Operating voltage OC 00L-listed 30 V Operating voltage OC 01L-listed 30 V Correctorion 30 V Matalation Connection Mat2 x 1 Device protection Electrical Mat2 x 1 Device protection Electrical screwed | Commercial data | |
| ECLASS-8.0 2729218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-10.0 27060311 ECLASS-10.0 27060311 ECLASS-10.0 27060311 ECLASS-10.0 27060311 ECLASS-10.0 ECO01855 customs tamf number 8544230 GTIN 4048979449661 Packaging unit 1 Electrical data [Supply | ECLASS-6.0 | 27279218 |
| ECLASS:9.0 27060311 ECLASS:10.1 27060311 ECLASS:11.0 27060311 ECLASS:12.0 27060311 ECLASS:12.0 27060311 ECLASS:12.0 27060311 ETM-5.0 EC001855 cuatoms tarff number 8544200 GTN 4048879449861 Packaging unit 1 Electrical dical Supply Corrent operating voltage AC max. Operating voltage AC max. 30 V Operating voltage AC (UL-listed) 30 V Ourient operating per contact max. 2 A Installation (Connocion Inserted. scrowed Polution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60684-1) 1 Mechanical data Meterial data Zinc die-casting Material group (IEC 60684-1) Inserted, screwed, Shaking protection Material data Mounting data Zinc die-casting Material screw connection Zinc die-casting Material screw connection imperature max. 85 °C Addition al condition imperatu | ECLASS-7.0 | 27279218 |
| EQLASS-10.1 27060311 EQLASS-20 27060311 EQLASS-20 27060311 ETM 5.0 EC001655 customs taff number 8544230 GTIN 4044879449861 Packaging unt 1 Electrical data Supply Operating voltage AC max. Operating voltage AC (UL-listed) 30 V Operating Voltage AC (UL-listed) | ECLASS-8.0 | 27279218 |
| ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001685. castoms tatiff number 85444290 GTIN 4048279448801 Packaging unit 1 Electrical data Supply | ECLASS-9.0 | 27060311 |
| ECLASS-12.0 27060311 ETM-5.0 EC001855 outsoms tailf lumber 85444200 GTIN 4048879449801 Packaging unit 1 Electrical data [Supply Operating voltage AC max. Operating voltage AC max. 30 V Operating voltage AC max. 30 V Operating voltage AC (UL-listed) 30 V Operating voltage DC max. 2A Installation [Connection] Installation [Connection] Mounting set M12 x 1 Device protection [Electrical] Additional condition protection degree Additional condition protection degree 3 Faced surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Zno disc asting Costing ofking Nickeled Costing indevide inserted, screwed, Shaking protection Mechanical data Material data Zno disc casting Mechanical data Material data Zno disc casting Mechanical data Material formative starked, screwed, Shaking protection Envinormental fachanceteristics Climatic | ECLASS-10.1 | 27060311 |
| ETIM 6.0 EC001865 customs tariff number 85444290 GTIN 4048873448981 Packaging unit 1 Electrical data Supply Operatiny voltage AC max. 30 V Operatiny voltage AC (MLX) 30 V Operatiny voltage AC (ULX) (Isted) 30 V Current operating the contact max. 2 A Installation (Contonion Itstel voltage Mouting set M12 x 1 Device protection Electrical Material group (IEC 6064-1) Material group (IEC 6064-1) 1 Mechanical data Material data Cating voltage Cating voltage 0.8 kV Material group (IEC 6064-1) 1 Mechanical data Material data Zinc clice casting Material group (IEC 60664-1) Incelice casting Materia | ECLASS-11.1 | 27060311 |
| customs tariff number 85444290 GTIN 4048879449861 Packaging unit 1 Electrical dita Supply 90 V Operating voltage AC max. 30 V Operating voltage AC (LL-listed) 30 V Current operating per contact max. 2 A Installation Connection Mounting set M12 x 1 Device protection Electrical Mounting set 0.8 kV Additional condition protection degree 1 Methal group (IEC 60664-1) Polution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Methal group (IEC 60664-1) 1 Methal group (IEC 60664-1) 1 Methal group (IEC 60664-1) 1 Material group wortage 0.8 kV Methal group (IEC 60664-1) 1 Material group wortage 0.8 kV Methal group (IEC 60664-1) 1 | ECLASS-12.0 | 27060311 |
| GTIN 4048879448861 Packaging unit 1 Electrical data Supply 7 Operating voltage AC max. 30 V Operating voltage AC max. 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Corrent operating per contact max. 2 A Installation Connection Inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material surge voltage AC (UL-listed) 1 Mechanical data Material data Coating on kickel pieted Coating on fitting nickel pieted Locking material Zinc die-casting Material screw connection Zinc die-casting Mouting method inserted, sc | ETIM-5.0 | EC001855 |
| Packaging unit 1 Electrical data Supply | customs tariff number | 85444290 |
| Electrical data Supply Operating voltage AC max. 30 V Operating voltage DC max. 30 V Operating voltage DC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 2 A Installation Connection M12 x 1 Device protection Electrical M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Rate darge voltage 0,8 kV Material group (ICG 60664-1) 1 Mechanical data Material data Zinc die-casting Coating of fitting Nickeled Coating of fitting nickeled plated Coating of fitting oice-casting Mounting method | GTIN | 4048879449861 |
| Operating voltage AC max. 30 V Operating voltage AC max. 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 30 V Operating overating per contact max. 2 A Installation Connection X Mouting set M12 x 1 Device protection Electrical X Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Muterial screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Imserted, screwed, Shaking protection Imserted, screwed, Shaking protection Imserted, screwed, Shaking protection Imserted | Packaging unit | 1 |
| Operating voltage DC max. 30 V Operating voltage AC (UL-listed) 30 V Operating voltage CA (UL-listed) 30 V Current operating per contact max. 2 A Installation Connection M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Rated surge voltage 0,8 kV Material group (IEC 6064-1) 1 Mechanical data Material data Coating of fiting Coating locking Nickeled Coating locking Nickeled Mounting term -25 °C Operating temperature min. -25 °C Operating temperature range degree Mounting meteral 35 °C Additional condition temperature range degree Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Diverserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection class can be endangered by excessible bending radii when laying cables, as the IP protection cla | Electrical data Supply | |
| Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 2 A Installation Connection Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (ICE 60664-1) 1 Mechanical data Material data Coating locking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Sinc die-casting Material screw connection Sinc die-casting Material screarestistis Climatic Coating demperature min.< | Operating voltage AC max. | 30 V |
| Operating voltage DC (UL-listed) 30 V Current operating per contact max. 2 A Installation Connection Mult x 1 Device protection Electrical Mult x 1 Device protection protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. 0 portaling temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Nate on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protectio | | 30 V |
| Current operating per contact max. 2 A Installation Connection Multiant (Connection) Mounting set M12 x 1 Device protection Electrical Inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating of fitting Coating of fitting Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating of fitting Operating temperature max. 85 °C Operating temperature range depending on cable quality Important Installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending radii Note on bending radius DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) | Operating voltage AC (UL-listed) | 30 V |
| Installation Connection Mounting set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (EC 60664-1) 1 Mechanical data Material data Mechanical data Material data Coating locking Nickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Material screw connection inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature max. Ags °C Social dation notes Polet on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection clasa | Operating voltage DC (UL-listed) | 30 V |
| Mounting set M12 x 1 Device protection Electrical inserted, screwed Additional condition protection degree iserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating locking Nickeled Coating locking Coating locking Nickeled Coating locking Zinc die-casting Material screw connection Zinc die-casting Material screw connection Zinc die-casting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending for | Current operating per contact max. | 2 A |
| Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0.8 kV Material group (IEC 60664-1) 1 Mechanical data Material data Coating focking Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating on cable quality Operating temperature min. -25 °C Operating temperature range depending on cable quality Important installation notes Mote on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity UN EN 61076-2-101 (M12) Installation Cable UN EN 61076-2-10 | Installation Connection | |
| Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Vickeled Coating of fitting Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Environmental characteristics Climatic Vickeled Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) | Mounting set | M12 x 1 |
| Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data I Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature main. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) | Device protection Electrical | |
| Rated surge voltage 0,8 kV Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating locking nickel plated Coating material Zinc cie-casting Material screw connection Zinc cie-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Mechanical characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation I Cable DIN EN 61076-2-101 (M12) Installation I Cable | Additional condition protection degree | inserted, screwed |
| Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Coating of fitting Locking material Zinc die-casting Coating of fitting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) | Pollution Degree | 3 |
| Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting method Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) | Rated surge voltage | 0,8 kV |
| Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity UN EN 61076-2-101 (M12) Installation Cable UN EN 61076-2-101 (M12) | Material group (IEC 60664-1) | |
| Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity DIN EN 61076-2-101 (M12) Installation Cable DIN EN 61076-2-101 (M12) | Mechanical data Material data | |
| Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic | Coating locking | Nickeled |
| Material screw connection Zinc die-casting Mechanical data Mounting data inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable | Coating of fitting | nickel plated |
| Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Mountion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Protext le context on the context o | Locking material | |
| Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable | Material screw connection | Zinc die-casting |
| Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable | Mechanical data Mounting data | |
| Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable | | inserted, screwed, Shaking protection |
| Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | Environmental characteristics Climatic | |
| Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | • | -25 °C |
| Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | | |
| Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | | |
| Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable Cable | • • • | |
| Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable Cable | | Distant the connectors by suitable measures from machanical loads, a subtra usage of apple tice |
| Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation Cable | | |
| Product standard DIN EN 61076-2-101 (M12) Installation Cable | Note on bending radius | |
| Installation Cable | Conformity | |
| | Product standard | DIN EN 61076-2-101 (M12) |
| Cable identification 717 | Installation Cable | |
| | Cable identification | 717 |

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: 2024-05-10

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 Type | 3 |
|---|--|
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 8 wires around Core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | brown, white, red, blue, pink, gray, yellow, green |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Cable weigth | 66 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 7 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PP |
| Amount wires | 8 |
| Outer diameter insulation | 1,2 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 32 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0.25 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| 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 | 3 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 |
| AC withstand voltage (wire - shield) | 2 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (static) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| 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 | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 5 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 30 °/m |
| Torsion speed | 35 cycles/min |

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: 2024-05-10

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