

## M12 female 0° A-cod. with cable LED

PUR 3x0.34 gy UL/CSA 15m

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

Female straight M12, 3-pole

2× LED (PNP)

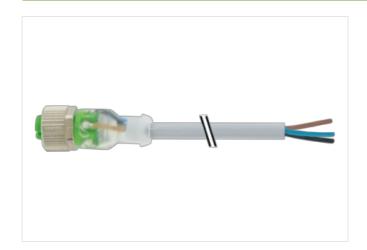
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

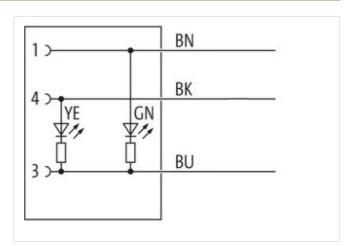
Plastic housings with good resistance against chemicals and oils.

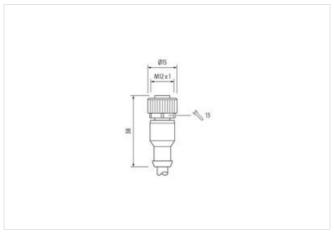
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

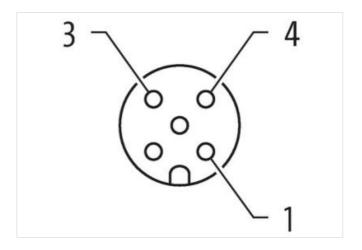
## **Link to Product**

## Illustration









Product may differ from Image













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| Family construction form   M12   | Cable length  | 15 m                                      |       |
|--|---|---|-------|
| Mounting method   Inserted, screwed  | Side 1  |   |       |
| Family construction form   M12   | Tightening torque   | 0,6 Nm                                    |       |
| Tread  | Mounting method   | inserted, screwed                         |       |
| Substitute   For corrugated tube (internal O)  | Family construction form  | M12                                       |       |
| Coding   | Thread  | M12 x 1                                   |       |
| Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         PP5, IP68K, IP67           Commercial data           ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-7.0         27279218           ECLASS-9.0         27279218           ECLASS-9.0         27060311           ECLASS-9.1         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           CLASS-12.0           CIMBA OF TABLE AND ADMINISTRY         27060311           CLASS-12.0         27060311           CLASS-12.0         24 V           CP806311         1           ERCIVERY ADMINISTRY <th cols<="" td=""><td>suitable for corrugated tube (internal Ø)</td><td>10 mm</td></th>  | <td>suitable for corrugated tube (internal Ø)</td> <td>10 mm</td> | suitable for corrugated tube (internal Ø) | 10 mm |
| Width across flats         SWI3           Degree of protection (ENIEC 60529)         PBS, PBBK, IPB7           Commercial date         PBS, PBBK, IPB7           ECLASS-6.0         27279218           ECLASS-6.1         2779218           ECLASS-7.0         27279218           ECLASS-8.0         272706031           ECLASS-8.0         27060311           ECLASS-1.1         27060311           ECLASS-1.1         27060311           ECLASS-1.2.0         22060311           ETIM 5.0         EC001855           Customs staff number         85444290           OTIN         404879447010           Packaging unit         1           Electrical data I Supply         Poreating voltage DC max.           Operating voltage DC max.         4 A           Operating voltage DC max.         4 A           Diagnostics         Status indication LED         green, yellow           Installation   Connection         Muniting set         MI12 *1           Medicinal condition protection degree         inserted, screwed           Pollution Degree         3         3           Rated surge voltage         0.8 kV           Material group (ICC 60664-1)         1   | Coding  | A   |       |
| Degree of protection (EN IEC 60829)   IP65, IP66K, IP67  | Material  | PUR                                       |       |
| Commercial data  | Width across flats  | SW13                                      |       |
| ECLASS-6.0 27279218  ECLASS-7.0 27279218  ECLASS-9.0 27060311  ECLASS-9.0 27060311  ECLASS-1.1 27060311  ELECTIM-5.0 EC01855  Casions tariff number 8544290  GTIN 404887947010  Packaging unt 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC 22 V  Operating voltage DC 30 V  Operating voltage DC max. 30 V  Operating voltage DC max. (UL-listed) 30 V  Operating voltage DC max. (UL-listed) 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Wounting set M12 X 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Additional condition protection degree inserted, screwed  Material group (EC 60684-1) I  Mechanical data   Material data  Coating of fitting nickel plated  Locking material Case wounted inserted. Screwed, Shaking protection  Environmental characteristics   Climatic  Deparating temperature max. 85 °C   | Degree of protection (EN IEC 60529)                               | IP65, IP66K, IP67                         |       |
| ECLASS-6.1 27279218  ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 27080311  ECLASS-10.1 27080311  ECLASS-10.1 27080311  ECLASS-11.1 27080311  ECLASS-12.0 27080311  ETIM-5.0 EC001855  COUNTY 4048879447010  Packaging unit 1  Electrical data   Supply  Operating voltage DC min. 18 V  Operating voltage DC min. 18 V  Operating voltage DC max. (Ut-listed) 30 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Mounting set M12 X 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage Cn 19  Robering group (IEC 60664-1) 1  Robering indical data   Material data  Coating locking indical data   Material data  Coating of litting incleding method inserted, screwed  Pollution pere in the method in inserted, screwed  Pollution pere 3  Rated surge voltage  Operating voltage inserted data   Material data  Coating locking inserted   Nickeled  Coating locking inserted   Nickeled  Coating locking inserted   Nickeled  Coating material   Zinc die-casting  Material screw connection   Zinc die-casting  Material screw connection   Zinc die-casting  Material screw connection   Electricatics   Climatic  Operating temperature min. 2-25 °C  Operating temperature max. 85 °C   | Commercial data   |   |       |
| ECLASS-7.0 27279218  ECLASS-8.0 27279218  ECLASS-9.0 2709311  ECLASS-10.1 27060311  ECLASS-11.1 27060311  ECLASS-11.1 27060311  ETIM-5.0 EC001855  customs tariff number 85444290  GTN 4048879447010  Packaging unit 1  Electrical data   Supply  Operating voltage DC 2 4 V  Operating voltage DC min. 18 V  Operating voltage DC min. 18 V  Operating voltage DC max. (UL-listed) 30 V  Current operating per contact max. 4 A  Operating voltage DC max. (UL-listed) 30 V  Current operating per contact max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage DC mode inserted, screwed  Pollution Degree 3  Rated surge voltage Material data  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  | ECLASS-6.0  | 27279218                                  |       |
| ECLASS-8.0         27279218           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-11.1         27060311           ECLASS-12.0         27060311           ECLASS-17.0         ECOMISS           customs tariff number         85444290           GTIN         4048879447010           Packaging unit         1           Electrical data   Supply           Operating voltage DC           Q4 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max. (UL-listed)         30 V           Operating voltage DC max. (UL-listed)         30 V           Ourent operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         insarted, screwed           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (leC 6066   | ECLASS-6.1  | 27279218                                  |       |
| ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 EC001855  usustoms tariff number 85444290 GTIN 4048879447010 Packaging unit 1 Electrical data   Supply  Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage DC may   Nickeled Coating (IEC 60664-1)   I  Mochanical data   Material data Coating locking inickel plated Locking material Ecclassing   Nickeled Coating of fitting inickel plated Locking material Mounting set inickel plated Locking material Locking material  Material screw connection   | ECLASS-7.0  | 27279218                                  |       |
| ECLASS-10.1         27060311           ECLASS-11.2         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879447010           Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating voltage Dr contact max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (Tec 60664-1)         1           Mechanical data   Material data         Mickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting <td< td=""><td>ECLASS-8.0</td><td>27279218</td></td<>  | ECLASS-8.0  | 27279218                                  |       |
| ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879447010           Packaging unit         1           Electrical data   Supply         Perating voltage DC           Operating voltage DC min.         18 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating per contact max.         4 A           Diagnostics           Status indication LED         green, yellow           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree           Additional protection degree           Ask V           Material group (IEC 60664-1)           I           Mechanical data   Material data           Coating oliking         Nickeled           Coating of fitting         nickel plated           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting      <   | ECLASS-9.0  | 27060311                                  |       |
| ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879447010           Packaging unit         1           Electrical data   Supply         Veraling voltage DC           Operating voltage DC max.         24 V           Operating voltage DC max.         30 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         Status indication LED           Status indication LED         green, yellow           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Xinc die-casting           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         inserted, screwed, Shaking protection           Mounting method         inserted, screwed, Shaking protection  | ECLASS-10.1   | 27060311                                  |       |
| ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879447010           Packaging unit         1           Electrical data   Supply         1           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Operating voltage DC max.         4 A           Diagnostics         30 V           Status indication LED         green, yellow           Installation   Connection         Mounting set           Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree           Foliution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Coating folking           Coating folking         nickeled           Coating of titing         nickel plated           Locking material         Zinc die-casting           Mechanical data   Mounting data         Xinc die-casting           Mechanical membration of the properature min.         -25 °C           Operating temperature min.         -25 °C <tr< td=""><td>ECLASS-11.1</td><td>27060311</td></tr<>  | ECLASS-11.1   | 27060311                                  |       |
| customs tariff number 85444280 GTIN 4048879447010 Packaging unit 1  Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V  Operating voltage DC max. 30 V  Operating voltage DC max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage M2 Nickeled  Coating locking  Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deverating temperature min25 °C  Operating temperature min25 °C  Operating temperature min25 °C | ECLASS-12.0   | 27060311                                  |       |
| STIN   4048879447010   Packaging unit   1  | ETIM-5.0  | EC001855                                  |       |
| Packaging unit         1           Electrical data   Supply           Operating voltage DC         24 V           Operating voltage DC min.         18 V           Operating voltage DC max.         30 V           Current operating per contact max.         4 A           Diagnostics         Status indication LED         green, yellow           Installation   Connection         Mounting set         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed           Pollution Degree         3         Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         I         I           Mechanical data   Material data         Coating locking         Nickeled           Coating locking         Nickeled         Incele-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C           Operating temperature min.         -25 °C   | customs tariff number   | 85444290                                  |       |
| Electrical data   Supply  Operating voltage DC 24 V  Operating voltage DC min. 18 V  Operating voltage DC max. 30 V  Operating voltage DC max. (UL-listed) 30 V  Operating voltage DC max. (UL-listed) 30 V  Operating voltage DC max. (UL-listed) 30 V  Operating per contact max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  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  Coating locking Nickeled  Coating of fitting nickel plated  Locking material zirce die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  | GTIN  | 4048879447010                             |       |
| Operating voltage DC pc min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating voltage DC max. (UL-listed) 30 V Operating per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical 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  Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C  | Packaging unit  | 1   |       |
| Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical 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 Coating locking nickel plated Locking material correction ince-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C  | Electrical data   Supply  |   |       |
| Operating voltage DC min. 18 V Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical 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 Coating locking nickel plated Locking material correction ince-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic  Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C  | Operating voltage DC  | 24 V                                      |       |
| Operating voltage DC max. 30 V Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical 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 Coating locking Nickeled Coating locking nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C   |   | 18 V                                      |       |
| Operating voltage DC max. (UL-listed) 30 V Current operating per contact max. 4 A  Diagnostics Status indication LED green, yellow Installation   Connection Mounting set M12 x 1  Device protection   Electrical 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 Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C  |   | 30 V                                      |       |
| Current operating per contact max. 4 A  Diagnostics  Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  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  Coating locking Nickeled  Coating of fitting nickel plated  Locking material Screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   | 30 V                                      |       |
| Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  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  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  |   | 4 A                                       |       |
| Status indication LED green, yellow  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  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  Coating locking Nickeled  Coating of fitting nickel plated  Locking material  Locking material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  | Diagnostics   |   |       |
| Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  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  Coating locking Nickeled  Coating of fitting nickel plated  Locking material cata   Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   | green, vellow                             |       |
| Mounting set M12 x 1  Device protection   Electrical  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  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   |   |       |
| Device protection   Electrical  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  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   | ·   | M40 v. 4                                  |       |
| 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  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   | IVI 2 X I                                 |       |
| Pollution Degree 3 Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  | Device protection   Electrical                                    |   |       |
| Rated surge voltage 0,8 kV  Material group (IEC 60664-1) I  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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   |   |       |
| Material group (IEC 60664-1)    Mechanical data   Material data  | <del>_</del>  |   |       |
| 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 inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   |   | 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  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   | Material group (IEC 60664-1)                                      | 1   |       |
| Coating of fitting nickel plated  Locking material Zinc die-casting  Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  | Mechanical data   Material data                                   |   |       |
| Locking material  Zinc die-casting  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  | Coating locking   | Nickeled                                  |       |
| Material screw connection Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   | Coating of fitting  | nickel plated                             |       |
| Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   | Locking material  | Zinc die-casting                          |       |
| Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  | Material screw connection   | Zinc die-casting                          |       |
| Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C   | Mechanical data   Mounting data                                   |   |       |
| Operating temperature min25 °C Operating temperature max. 85 °C  | Mounting method   | inserted, screwed, Shaking protection     |       |
| Operating temperature max. 85 °C   | Environmental characteristics   Climatic                          |   |       |
| Operating temperature max. 85 °C   | Operating temperature min.  | -25 °C                                    |       |
| Additional condition temperature range depending on cable quality  | Operating temperature max.  | 85 °C                                     |       |
|  | Additional condition temperature range                            | depending on cable quality                |       |

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: 2024-06-23



stay connected

| Conformity                        |  |
|-----------------------------------|--|
| Product standard                  | DIN EN 61076-2-101 (M12)   |
| Cable                             |  |
| Cable identification              | 223  |
| Cable Type                        | 2 (PUR/PVC)  |
| Approval (cable)                  | UL (AWM-Style 20549/1731), CSA; CE conform   |
| Cable weight [g/m]                | 35,97 g  |
| Material wire                     | Cu wire, bare  |
| Resistor (core)                   | max. 57 Ω/km (20 °C)   |
| Single wire Ø (core)              | 0.1 mm   |
| Construction (core)               | 42× 0.1 mm (multi-strand wire class 6)   |
| Diameter (core)                   | 3× 0.34 mm²  |
| AWG                               | similar to AWG 22  |
| Material wire isolation           | PVC  |
| Material property wire insulation | CFC-, cadmium-, silicone- and lead-free  |
| Shore hardness wire isolation     | 43 ±5 D  |
| Wire-Ø incl. isolation            | 1.25 mm ±5%  |
| Color/numbering of wires          | br, bk, bl   |
| Stranding combination             | 3 wires twisted  |
| Shield                            | no   |
| Material jacket                   | PUR/PVC  |
| Material property (jacket)        | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness jacket             | 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)   |
| Outer-Ø (jacket)                  | 4.3 mm ±5%   |
| Color jacket                      | gray   |
| chemical resistance               | good resistance to oil, gasoline and chemicals   |
| Nominal voltage                   | UL 300 V AC  |
| Test voltage                      | 2000 V AC  |
| Current load capacity             | to DIN VDE 0298-4  |
| Temperature range (fixed)         | -30+80 °C  |
| Temperature range (mobile)        | -5+80 °C   |
| Bending radius (fixed)            | 10× outer Ø  |
| Bending radius (dynamic)          | 15× outer Ø  |
| No. of bending cycles (C-track)   | max. 2 Mio. (25 °C)  |
| Travel speed (C-track)            | max. 3.3 m/s   |
| Acceleration (C-track)            | max. 5 m/s <sup>2</sup>  |