

## M12 female recept. D-cod. shielded rear

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 10m

Product fulfills requirements according to UN/ECE R118

**Ethernet CAT5** 

Flange female

M12, 4-pole

D-coded

shielded

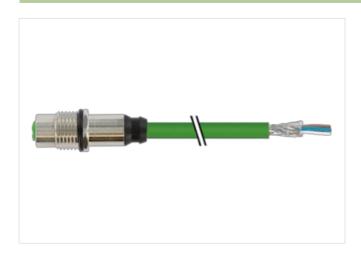
Rear mounting

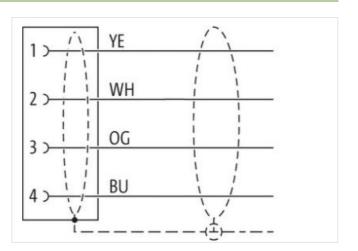
Further cable lengths on request.

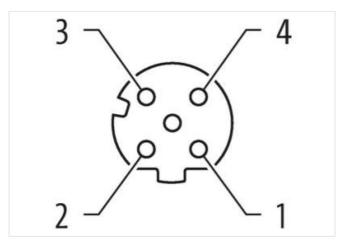
The resistance to aggressive media should be individually tested for your application. Further details on request.

## **Link to Product**

## Illustration







Product may differ from Image









Cable length

10 m



stay connected

| ECLASS-1.0.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01855           customs tariff number         85444290           GTIN         4048879467688           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Meterial data           Coating of fittin   | Side 1                                  |  |  |
|--|---|--|--|
| Mounting method         merked screwed           Family construction form         M12           Timesal         M12 x 1           Goding         D           Makerial         Brass           Degree of principion (EN IEC 00529)         P67           Commercial date           ECASS-8-0         2779220           ECASS-8-1         2779220           ECASS-8-1         27440103           ECASS-8-0         27440103           ECASS-8-1         27440103           ECASS-8-1.1         27440103           ECASS-8-1.1         27440103           ECASS-8-1.1         27440103           ECASS-8-1.1         27440103           ECASS-9-1.2         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.2         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.1         27440103           ECASS-9-1.2         27440103           ECASS-9-1.2         2744   |   | 0.6 Nm   |  |
| Family contensection from M12 x 1 Cooking 0 1 Cooking 1 Cooking 0  |   |  |  |
| Treed  |   |  |  |
| Coding         D           Material         Brass           Experie of protection (EN IEC 60529)         Th67           Commercial data           ECLASS-6.0         27279220           ECLASS-6.1         27279220           ECLASS-7.0         27440103           ECLASS-7.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.2         27440103           ECLASS-12.0         27440103           Packaging unit         1           Electrical data   Supply           Current operating per contact max.         1,5 A           Industrial communication         60 V           Current operating per contact max.         100 MBits           Industrial communication   Ethernet functionality           duplex         1           Industrial communication   Ethernet functionality           Update protection   Electrical         1 </td <td></td> <td></td>  |   |  |  |
| Medical         Brass           Degree of protection (ENIEC 60528)         PP67           Commercial data         Commercial data           ECLASS 6.0         27279220           ECLASS 6.1         27279220           ECLASS 7.0         27440103           ECLASS 9.0         27440103           ECLASS 9.1         27440103           ECLASS 1-1.1         27440103           ECLASS 1-1.2         27440103           ECLASS 1-1.2         27440103           ECLASS 1-1.0         ECO01855           CLASS 1-1.0         ECO01855           CLASS 1-1.1         4048879467688           FEMALOR         ECON 1855           CLASS 1-1.2         4048879467688           CENTRAL INCOMPANIES         4048879467688           CENTRAL INCOMPANIES         4048879467688           CENTRAL INCOMPANIES         4048879467688           CENTRAL INCOMPANIES         40500           Central operating port contact max         1.5 A           Undustrial communication         4048879467688           Transfer parameters         CATS, Class D (ISO/IEC) 11801-2002), (EN 50173-1)           Data transmission rate max         10 M Bits           Undustrial communication   Extension Lateral Communication   Extension   |   |  |  |
| Degree of protection (EN IEC 60529)  |   |  |  |
| Commercial data           ECLASS 6.0         27279220           ECLASS 7.0         27440103           ECLASS 8.0         27440103           ECLASS 9.0         27440103           ECLASS 9.0         27440103           ECLASS 1.0.1         27440103           ECLASS 1.2.0         27440103           ECLASS 1.2.0         27440103           ECLASS 1.2.0         27440103           ETIM 5.0         ECO07855           COURSION STATE (IMEDIAN CONTROLLAN C  |   |  |  |
| ECLASS-6.0 27279220  ECLASS-6.1 27279220  ECLASS-8.0 27440103  ECLASS-8.0 27440103  ECLASS-8.0 27440103  ECLASS-8.0 27440103  ECLASS-8.0 27440103  ECLASS-8.0 27440103  ECLASS-8.1.1 27440103  ECLASS-8.1.1 27440103  ECLASS-8.1.1 27440103  ECLASS-8.1.1 27440103  ECLASS-8.1.1 27440103  ECLASS-8.0 27440103  ECLASCE 27440103  ECLASCE 27440103  ECLASCE 27440103  ECLASCE 27440103  ECLASCE 274 |   | IFO)   |  |
| ECLASS-6.1 27279220 ECLASS-7.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-9.0 27440103 ECLASS-10.1 27440103 ECLASS-11.1 27440103 ECLASS-11.1 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 27440103 ECLASS-12.0 1 27440103 ECL |   |  |  |
| ECLASS-7.0         27440103           ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.2         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ETIM-5.0         ECO01855           Cuctorial frumber         6544420           GTIN         404827947598           Packaging unit         ***           ************************************  |   |  |  |
| ECLASS-8.0         27440103           ECLASS-9.0         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECHASS-12.0         47467688           EVELOTION PROBLEM         1,5 A           Industrial communication         181416112           Industrial communication         18141612           Industrial communication         18141612           Industrial communication         18141612   |   |  |  |
| ECLASS-9.0         27440103           ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC01855           usustons tarff mumber         6544290           GTIN         4048879467698           Packaging unit         1           Electrical data   Supply         Full clustrial per contact max.           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBibs           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         A.6 P           Additional condition protection degree         1,5 kV           Malerial group viltage         1,5 kV           Malerial group (IEC 60664-1)         1           Mechanical data   Munting data           Muchapiral data  |   |  |  |
| ECLASS-10.1         27440103           ECLASS-11.1         27440103           ECLASS-12.0         27440103           ETIM-5.0         EC001885           customs tarif number         85444290           GTIN         4048879467698           Packaging unit         1           Electrical data   Supply         V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBtrs           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Worth across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         1,5 kV           Material group (IEC 6064-1)         1           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Coating of fitting         nickel plated           Locking material         Brass           Mounting method         Schraubgewinde           <   |   | 27440103                                       |  |
| ECLASS-1.1.1         27440103           ECLASS-12.0         27440103           ECLASS-12.0         27440103           ECHASS-12.0         ECD01655           customs tariff number         85444290           GTIN         4048879467698           Packaging unit         1           Electrical data   Supply           Operating vollage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit's           Industrial communication   Ethernet functionality           duplex         Full duplex           Industrial communication   Ethernet functionality           duplex         Full duplex           Industrial communication   Ethernet functionality           duplex         Full duplex           Industrial communication   Ethernet functionality           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection REMA         3, 4, 6P <td co<="" td=""><td>ECLASS-9.0</td><td></td></td>  | <td>ECLASS-9.0</td> <td></td>           | ECLASS-9.0                                     |  |
| ECILASS-12.0         27440103           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879467698           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBits           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Meterial group (IEC 60664-1)         1           Mechanical data   Material data           Coating locking         nickel plated           Coating of kiting         nickel plated           Coating doking         nickel plated           Coating of kiting         <  |   | 27440103                                       |  |
| ETIM-5.0         EC001855           oustoms tariff number         85444290           GTIN         4048879467698           Packaging unit         1           Electrical data   Suppty         User an important per contact max.         60 V           Current operating per contact max.         15 A           Industrial communication         User an important per armeters         CAT5. Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/S           Industrial communication   Ethernet tunctomatival public maximum industrial public maximum industria  | ECLASS-11.1                             | 27440103                                       |  |
| customs tariff number         85444290           GTIN         4048879467698           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional transmission rate max.         100 MBit/s           United Science Industrial Science Ind  | ECLASS-12.0                             |  |  |
| GTIN         4048879467698           Packaging unit         1           Electrical data   Supply         Coperating voltage DC max.         60 V           Current operating per contact max.         1.5 A           Industrial communication         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBVs           Industrial communication   Ethernet functional per contact max.         Full duplex           Industrial communication   Ethernet functional per contact max.         Full duplex           Industrial communication   Ethernet functional per contact max.         Full duplex           Industrial communication   Ethernet functional per contact max.         May 1           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         SW19           Protection NEMA         3, 4, 6P           Additional condition protection degree         3           Rated surge voltage         1,5 kV           Material surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         1           Coating locking anterial         mickel plated           Coating locking anterial         grass           Mechanic   | ETIM-5.0                                |  |  |
| Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection         Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical         Protection NEMA         3, 4, 6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Very part of litting           Coating forfitting         nickel plated           Locking material         Brass           Mechanical data   Mounting data         Mechanical data   Mounting data           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -25 °C <td>customs tariff number</td> <td>85444290</td>   | customs tariff number                   | 85444290                                       |  |
| Electrical data   Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication  Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBIt/s Undustrial communication   Ethernet tunctivality Un | GTIN                                    | 4048879467698                                  |  |
| Operating voltage DC max.         60 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBIt/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection         Wouth a cross fitals in Connection           Wouth a cross fitals a constitution   Electrical         Protection NEMA           Protection NEMA         3, 4, 6P           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         nickel plated           Coating locking         nickel plated           Coating Interial         Brass           Material serve vonnection         Brass           Material for work ownection         Brass           Methonical data   Mounting data         Mounting method           Looking material         Schraubgewinde           Looking ing techniques   | Packaging unit                          | 1  |  |
| Current operating per contact max.         1,5 A           Industrial communication         CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBIVs           Industrial communication   Ethernet functionality         Industrial communication   Ethernet functionality           duplex         Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3, 4, 6P           Additional condition protection degree         Inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data           Coating of fitting           Locking material         Brass           Material screw connection         Brass           Mechanical data   Mounting data         Mounting method           Locking techniques         Schraubgewinde           Locking techniques         Schraubgewinde           Locking techniques         Schraubgewinde           Locking techniques         Schraubgewinde           Locking techniques         Schraubgewi  | Electrical data   Supply                |  |  |
| Industrial communication  Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Coating locking material Brass  Material screw connection Brass  Mechanical data   Munting data  Mounting method Schraubgewinde  Locking method Schraubgewinde  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Poperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality   | Operating voltage DC max.               | 60 V   |  |
| Industrial communication  Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)  Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)   I  Mechanical data   Material data  Coating locking material Brass  Material screw connection Brass  Mechanical data   Munting data  Mounting method Schraubgewinde  Locking method Schraubgewinde  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Poperating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality   | Current operating per contact max.      | 1,5 A  |  |
| Transfer parameters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         M16 x 1.5           Width across flats         SW19           Device protection   Electrical           Protection NEMA         3.4,6P           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating locking           Coating locking         nickel plated           Coating offitting         nickel plated           Locking material         Brass           Methanical data   Munting data         Widerial screw connection           Mechanical material screw connection         Schraubgewinde           Locking method         Schraubgewinde           Locking method (per chiques)         Schraubgewinde           Locking techniques         Schraubgewinde           Environmental characteristics   Climatic         Coating temperature max.<   |   |  |  |
| Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M16 x 1.5  Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Coating affitting nickel plated  Material screw connection Brass  Mechanical data   Mounting data  Mechanical dat |   | CATE Class D //CO//EC 11001:0000) /EN 50170.1\ |  |
| Installation   Connection  Mounting set M16 x 1.5 Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating locking naterial Brass  Material screw connection Brass  Material screw connection Brass  Mechanical data   Munting data  Munting method Schraubgewinde  Environmental characteristics   Climatic  Poperating temperature min25 °C  Operating temperature max25 °C  Operating temperature max25 °C   | <u> </u>                                |  |  |
| Installation   Connection  Mounting set M16 x 1.5 Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting serve connection Brass Material screw connection Brass Material screw connection Brass Mechanical data   Mounting data  Mounting method Schraubgewinde Looking material characteristics   Climatic  Environmental characteristics   Climatic  Environmental tharacteristics   Climatic  Additional condition temperature max. 85 °C Additional condition temperature range depending on cable quality   |   |  |  |
| Mounting set M16 x 1.5 Width across flats SW19  Device protection   Electrical  Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking nickel plated Coating of fitting nickel plated Locking material screw connection Brass Material screw connection Brass Mechanical data   Mounting data Mounting method Schraubgewinde Looking techniques Schraubgewinde Environmental characteristics   Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality   | Industrial communication   Ethernet fur | nctionality                                    |  |
| Mounting set M16 x 1.5 Width across flats SW19  Pevice protection   Electrical  Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality   | duplex                                  | Full duplex                                    |  |
| Width across flats    Device protection   Electrical   | Installation   Connection               |  |  |
| Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass Mechanical data   Mounting data Mounting method Schraubgewinde Looking techniques Schraubgewinde Environmental characteristics   Climatic  Deparating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  | Mounting set                            | M16 x 1.5                                      |  |
| Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  | Width across flats                      | SW19   |  |
| Protection NEMA 3, 4, 6P Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  | Device protection   Electrical          |  |  |
| Additional condition protection degree inserted, screwed  Pollution Degree 3 Rated surge voltage 1,5 kV  Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  |   | 0.4.00   |  |
| Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I  Mechanical data   Material data  Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Additional condition temperature range depending on cable quality   |   |  |  |
| Rated surge voltage 1,5 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating locking nickel plated  Coating of fitting nickel plated  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Additional condition temperature range depending on cable quality   |   |  |  |
| Material group (IEC 60664-1)  Mechanical data   Material data  Coating locking  nickel plated  Coating of fitting nickel plated  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range dischause Indicated the source of the source    |   |  |  |
| Mechanical data   Material data Coating locking nickel plated Coating of fitting nickel plated Locking material Locking material Brass Material screw connection Brass Mechanical data   Mounting data Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality   |   | ι, υ κν<br>Ι                                   |  |
| Coating locking nickel plated Coating of fitting nickel plated Locking material Brass Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  |   | <u> </u>                                       |  |
| Coating of fitting nickel plated  Locking material Brass  Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality   |   |  |  |
| Locking material  Material screw connection  Brass  Mechanical data   Mounting data  Mounting method  Looking techniques  Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range  | Coating locking                         | nickel plated                                  |  |
| Material screw connection Brass  Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality   | Coating of fitting                      | nickel plated                                  |  |
| Mechanical data   Mounting data  Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  | Locking material                        | Brass  |  |
| Mounting method Schraubgewinde  Looking techniques Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality   | Material screw connection               | Brass  |  |
| Looking techniques  Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality   | Mechanical data   Mounting data         |  |  |
| Looking techniques  Schraubgewinde  Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality   | Mounting method                         | Schraubgewinde                                 |  |
| Environmental characteristics   Climatic  Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality   | Looking techniques                      | <del>-</del>                                   |  |
| Operating temperature min.  -25 °C  Operating temperature max.  85 °C  Additional condition temperature range depending on cable quality   |   | <u> </u>                                       |  |
| Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  | ·                                       |  |  |
| Additional condition temperature range depending on cable quality  |   |  |  |
|  | <u> </u>                                |  |  |
|  |   | depending on cable quality                     |  |



stay connected

| 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  | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Approvals   |   |
| UL 50E  | yes   |
| Installation   Cable  |   |
| Cable identification  | 796   |
| Jacket Color  | green   |
| Type of Certificate   | cURus   |
| Amount stranding  | 1   |
| Stranding   | 4 wires around Core filler twisted  |
| Cable shielding (type)  | copper braid, tinned  |
| Cable shielding (coverage)  | 85 %  |
| Banding   | Fleece, Foil  |
| Filler  | yes   |
| wire arrangement  | white, yellow, blue, orange   |
| Traversing distance (C-track)   | 5 m @ 25 °C   |
| Travel speed (C-track)  | 3 Mio. @ 25 °C  |
| Cable weigth  | 69,3 g/m  |
| Travel speed (C-track)  | 3,3 m/s @ 25 °C   |
| Material jacket   | PUR   |
| Shore hardness jacket   | 89 Shore A  |
| Freedom from ingredients (jacket)                                       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Outer-diameter (jacket)   | 6,7 mm  |
| Tolerance outer diameter (sheath)                                       | ±5%   |
| · ,   | FRNC  |
| Material inner jacket  Color (inner jacket)                             |   |
| Material wire insulation  | natur<br>PE   |
| Amount wires  | 4   |
| Outer diameter insulation   | 1,4 mm  |
| Outer diameter insulation  Outer diameter tolerance core insulation     |   |
|   | ± 5 % 65 Shore D  |
| Shore hardness wire insulation  |   |
| Ingredient freeness wire insulation                                     | lead-free, CFC-free, halogen-free   |
| Amount strands (wire)   | 7   |
| Diameter of single wires  | 22 AWG  |
| Conductor crosssection (wire)   | 22 AWG  |
| Material conductor wire   | Stranded copper wire, bare 5000 M $\Omega$ × km   |
| Loop resistance   |   |
| Nominal voltage AC max.   | 300 V   |
| Current load capacity (standard)  | to DIN VDE 0298-4   |
| Current load capacity min. wire   | 4,8 Å   |
| Characteristic impedance  | 100 Ω ± 15 % @ 100 MHz  |
| Electrical resistance line constant wire                                | 55 Ω/km @ 20 °C   |
| AC withstand voltage (wire - wire)                                      | 2 kV @ 60 s   |
| Electrical capacity line constant (wire - wire)                         | 50000 pF/km   |
| Power frequency withstand voltage (wire - acket)                        | 2 kV @ 60 s   |
| AC withstand voltage (wire - shield)                                    | 2 kV @ 60 s   |
| Nain amagatina tamanagatina (atatin)                                    | -40 °C  |
| Min. operating temperature (static)                                     | 00.00   |
| Max. operating temperature (fixed)                                      | 80 °C   |
| Max. operating temperature (fixed) Operating temperature min. (dynamic) | -30 °C  |
| Max. operating temperature (fixed)                                      |   |

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: 2024-05-08



| Gasoline resistance      | Good, application-related testing                    |
|--------------------------|--|
| Oil resistance           | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)   | 5 x Outer diameter                                   |
| Bending radius (dynamic) | 12 x Outer diameter                                  |
| No. of torsion cycles    | 1 Mio. 25 °C   |
| Torsion stress           | ± 180 °/m  |