

## M12 female 0° D-cod. with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA 1.5m

Ethernet CAT5 Female straight M12, 4-pole D-coded shielded

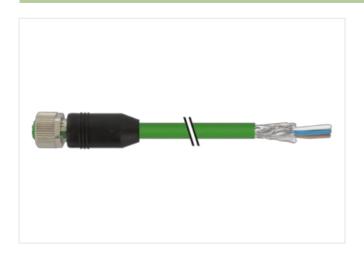
Further cable lengths on request.

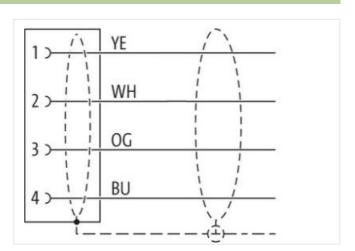
Plastic housings with good resistance against chemicals and oils.

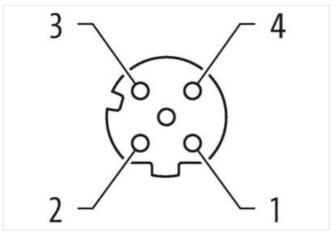
The resistance to aggressive media should be individually tested for your application. Further details on request.

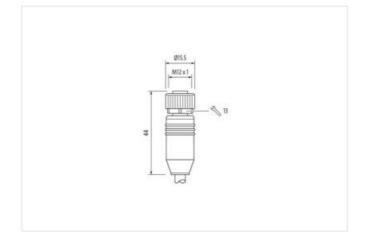
## **Link to Product**

## Illustration









Product may differ from Image



stay connected

















| Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         D           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP6K, IP67           Commercial data           ECLASS 6.0         27061801           ECLASS 6.1         27060907           ECLASS 7.0         27060907           ECLASS 9.0         27060907           ECLASS 9.0         27060907           ECLASS 1.1         27060907           ECLASS 1.2.0         27060907           ECLASS 1.3.0         4048879327862           Packaging unit  | Cable length                            | 1,5 m  |
|---|---|--|
| Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           Coding         D           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP6K, IP67           Commercial data           ECLASS 6.0         27061801           ECLASS 6.1         27060907           ECLASS 7.0         27060907           ECLASS 9.0         27060907           ECLASS 9.0         27060907           ECLASS 1.1         27060907           ECLASS 1.2.0         27060907           ECLASS 1.3.0         4048879327862           Packaging unit  | Side 1                                  |  |
| Family construction form         M12           Thread         M12 x 1           Coding         D           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-9.1         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         ECO02589           customs tariff number         85444290           GTIN         4048873327862           Packaging unit         1           Electrical data   Supply           Operating voltage DG max.         60 V           Operating voltage DG max.         60 V           Operating voltage DG max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1)           D   | Tightening torque                       | 0,6 Nm   |
| Thread M12 x 1 Coding D  Midth across flats PUR  Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67  Commercial data  ECLASS-6.0 27061801  ECLASS-6.1 27063037  ECLASS-7.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-9.0 27060307  ECLASS-11 27060307  ECLASS-11 27060307  ECLASS-11 27060307  ECLASS-10 27060307  ECLASS-11 27060307  ECLASS-11 27060307  ECLASS-10 27060307  ECLASS-11 27060307  ECLASS-11 27060307  ECLASS-11 27060307  ECLASS-12 27060307  ECLASS-13 27060307  ECLASS-14 27060307  ETIM-5 0 ECO02599  CUSSION 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Mounting method                         | inserted, screwed                                |
| Coding         D           Material         PUR           Width across lats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-18.1         27060307           ETIM-5.0         E0002599           customs tariff number         85444280           GTIN         404879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         1,5 A           Industrial communication         1,5 A           Industrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         MI2 x 1           Device protection   Electrical   | Family construction form                | M12  |
| Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-9.0         27060307           ECLASS-9.1         27060307           ECLASS-1.1         27060307           ECLASS-1.1.1         27060307           ECLASS-1.2.0         27060307           ECLASS-1.1.0         27060307           ECLASS-1.2.0         27060307           ECLASS-1.1.1         27060307           ECLASS-1.1.1         27060307           ECLASS-1.1.1         27060307           ECLASS-1.1.1         27060307           ECLASS-1.1.1         27060307  | Thread                                  | M12 x 1  |
| With across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         Verification (EN IEC 60529)           ECLASS 6.0         27061801           ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 9.1.1         27060307           ECLASS 9.0         27060307  | Coding                                  | D  |
| Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS 6.0         27061801           ECLASS 6.1         27063037           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 9.0         27060307           ECLASS 10.1         27060307           ECLASS 11.1         27060307           ECLASS 12.0         27060307           ECLASS 12.0         27060307           ECLASS 12.0         27060307           CUASS 12.0         27060307  | Material                                | PUR  |
| Commercial data           ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-12.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         1,5 A           Industrial communication         1.5 A           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   Connection         M12 x 1           Device protection   Electrical         M2 x           Additional condition protection degree         inserted, screwed           Pollution Degree         3   | Width across flats                      | SW13   |
| ECLASS-6.0         27061801           ECLASS-6.1         27060307           ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC02599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         05 V           Operating per contact max.         1,5 A           industrial communication         1.5 A           industrial communication         1.5 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, s   | Degree of protection (EN IEC 60529)     | IP65, IP66K, IP67                                |
| ECLASS 6.1         27060307           ECLASS 7.0         27060307           ECLASS 8.0         27060307           ECLASS 9.0         27060307           ECLASS 10.1         27060307           ECLASS 11.1         27060307           ECLASS 12.0         27060307           ECLASS 11.1         27060307           ECLASS 12.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC max.         1,5 A           Industrial communication         1,5 A           Industrial communication         1,5 A           Industrial communication   Ethernet functionality           duplex         Full duplex           Industrial communication   Ethernet functionality           duplex         Full duplex           Industrial composition protection degree         inserted, screwed           Device protection   Electrical         Additional condition protection degree         3           Rated surge voltage         1,5 kV  | Commercial data                         |  |
| ECLASS-7.0         27060307           ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           Customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         60 V           Operating voltage DC 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           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1  | ECLASS-6.0                              | 27061801   |
| ECLASS-8.0         27060307           ECLASS-9.0         27060307           ECLASS-1.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         1,5 A           Industrial communication         Intrasser 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data  | ECLASS-6.1                              | 27060307   |
| ECLASS-9.0         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply         V           Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         1,5 A           Industrial communication         Transfer parameters           Data transmission rate max.         100 MBit/s           Industrial communication   Ethernet functional | ECLASS-7.0                              | 27060307   |
| ECLASS-10.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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 MBI//s           Industrial communication   Ethernet functionality         Undustrial communication   Ethernet functionality           duplex         Full duplex           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Meterial data   Material data  | ECLASS-8.0                              | 27060307   |
| ECLASS-11.1         27060307           ECLASS-12.0         27060307           ETIM-5.0         EC0002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Meterial group (IEC 60664-1)                     Meterial group (IEC 60664-1)  | ECLASS-9.0                              | 27060307   |
| ECLASS-12.0         27060307           ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)                     Mechanical data   Material data   | ECLASS-10.1                             | 27060307   |
| ETIM-5.0         EC002599           customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data  | ECLASS-11.1                             | 27060307   |
| customs tariff number         85444290           GTIN         4048879327862           Packaging unit         1           Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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         M12 x 1           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1,5 kV           Material group (IEC 60664-1)                     Mechanical data   Material data  | ECLASS-12.0                             |  |
| GTIN         4048879327862           Packaging unit         1           Electrical data   Supply         60 V           Operating voltage DC max.         60 V           Operating voltage DC max. (UL-listed)         30 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         M12 x 1           Device protection   Electrical         M2 x 1           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         Material data  | ETIM-5.0                                | EC002599   |
| Packaging unit 1  Electrical data   Supply Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage  Material group (IEC 60664-1)   I  Mechanical data   Material data   | customs tariff number                   | 85444290   |
| Pelectrical data   Supply  Operating voltage DC max. 60 V  Operating voltage DC max. (UL-listed) 30 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Mechanical data   Material data  | GTIN                                    | 4048879327862                                    |
| Operating voltage DC max. 60 V Operating voltage DC max. (UL-listed) 30 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)   Mechanical data   Material data  | Packaging unit                          | 1  |
| Operating voltage DC max. (UL-listed) 30 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Electrical data   Supply                |  |
| 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Operating voltage DC max.               | 60 V   |
| 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 M12 x 1  Device protection   Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1)   Mechanical data   Material data  | Operating voltage DC max. (UL-listed)   | 30 V   |
| 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 M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Current operating per contact max.      | 1,5 A  |
| Data transmission rate max. 100 MBit/s  Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Industrial communication                |  |
| Industrial communication   Ethernet functionality  duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Transfer parameters                     | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| duplex Full duplex  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data  | Data transmission rate max.             | 100 MBit/s                                       |
| Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Industrial communication   Ethernet fur | nctionality                                      |
| Mounting set M12 x 1  Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | duplex                                  | Full duplex                                      |
| Device protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Installation   Connection               |  |
| Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Mounting set                            | M12 x 1  |
| Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1)   Mechanical data   Material data  | Device protection   Electrical          |  |
| Rated surge voltage 1,5 kV  Material group (IEC 60664-1)    Mechanical data   Material data   | Additional condition protection degree  | inserted, screwed                                |
| Material group (IEC 60664-1)  Mechanical data   Material data   | Pollution Degree                        | 3  |
| Mechanical data   Material data   | Rated surge voltage                     | 1,5 kV   |
|   | Material group (IEC 60664-1)            | I  |
|   | Mechanical data   Material data         |  |
|   | Coating locking                         | Nickeled   |



stay connected

| Coating of fitting  | nickel plated   |
|---|---|
| ocking material   | Zinc die-casting  |
| Material screw connection   | Zinc die-casting  |
| Mechanical data   Mounting data   |   |
| Mounting method   | inserted, screwed, Shaking protection   |
| Environmental characteristics   Climatic  |   |
| ·   | -25 °C  |
| Operating temperature min. Operating temperature max.                               | -25 °C<br>85 °C   |
| Additional condition temperature range  | depending on cable quality  |
|   | 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  | <b>Attention:</b> 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  |   |
| wire arrangement  | white, yellow, blue, orange   |
| Cable identification  | 794   |
| Jacket Color  | green   |
| Type of Certificate   | cURus   |
| Amount stranding  | 1   |
| Stranding   | 4 wires around Filler twisted   |
| Cable shielding (type)  | copper braid, tinned  |
| Cable shielding (coverage)  | 85 %  |
| Banding   | Fleece, Foil  |
| Filler  | yes   |
| wire arrangement  | white, yellow, blue, orange   |
| Cable weigth  | 75,87 g/m   |
| 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  |
| <u> </u>  | ± 5 %   |
| Tolerance outer diameter (sheath)   | ·   |
| Material inner jacket   | FRNC  |
| Color (inner jacket)  | white   |
| Material wire insulation  | PE  |
| Amount wires  | 4   |
| Outer diameter insulation   | 1,55 mm   |
| Outer diameter tolerance core insulation  | ±5%   |
| Shore hardness wire insulation  | 65 Shore D  |
| ngredient 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  |
| Nominal voltage AC max.   | 300 V   |
| Current load capacity (standard)  | to DIN VDE 0298-4   |
| Current load capacity min. wire   | 4,8 A   |
| Characteristic impedance  | 100 Ω ± 15 %  |
| Electrical resistance line constant wire  | 55 Ω/km @ 20 °C   |
|   |   |
| AC withstand voltage (wire - wire)  Electrical capacity line constant (wire - wire) | 2 kV @ 60 s<br>52000 pF/km  |



| 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 (fixed)                | 80 °C  |
| Operating temperature min. (dynamic)              | -30 °C   |
| Operating temperature max. (dynamic)              | 70 °C  |
| Flame resistance                                  | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| 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)                            | 6 x Outer diameter                                   |
| Bending radius (dynamic)                          | 12 x Outer diameter                                  |