

## stay connected

## M12 male 0° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 0.6m

Male straight

M12, 8-pole

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

with cable sleeves

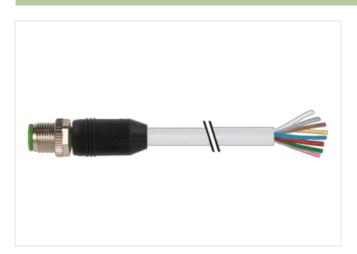
Plastic housings with good resistance against chemicals and oils.

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

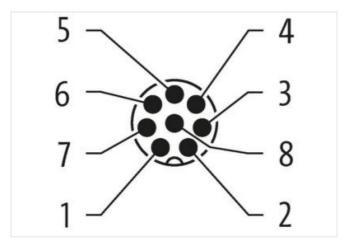
Further cable lengths on request.

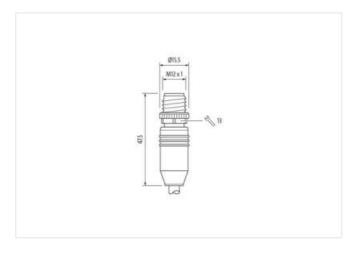
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

0,6 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-23



stay connected

| Family constituction form  | Mounting method                          | inserted, screwed  |
|--|--|--|
| Muterial         PUR           With across felas         SW13           Commercial data         Commercial data           ECLASS-6 0         27279218           ECLASS-8 0         27279218           ECLASS-8 0         2779218           ECLASS-8 0         2779218           ECLASS-10.1         27060011           ECLASS-11.1         27060011           ECLASS-12.0         27060011           ECLASS-13.1         27060011           ETMS-0         EC001865           Guident muterial         85442890           GTIN         4048973955077           Packaging unit         1           Electrical data Supply         Correlating voltage AC max.         30 V           Operating voltage AC max.         30 V           Device protection [Electrical         Muterial surge voltage.         M12 x 1           Device protection [Electrical         V           Pollution Dagree         3         2           Rated surge voltage.         3 k kV           Malerial group (IEC 00004-1)         1         1           Everland and proper late of thing.         28 °C         Countries of thing.           Material group control on max.         28 °C         Countries of thi  |  | · · · · · · · · · · · · · · · · · · ·                          |
| Width across fals         SW13           Commercial data         Commercial Cata           ECLASS-0         27279218           ECLASS-70         27279219           ECLASS-8.0         27090311           ECLASS-9.0         27090311           ECLASS-9.10.1         27090311           ECLASS-11.1         27090311           ECLASS-12.0         27090311           ECLASS-12.0         27090311           ECLASS-12.0         27090311           ECLASS-12.0         27090311           CITIN         4948873893937           Packaging unit         1           Electrical catal Supply         30           Cereating vollage AC max         30 Y           Operating vollage AC max         30 Y           Operating vollage AC max         30 Y           Device protection   Electrical         V           Pollution Degree         3           Bated surge vollage         0,8 Y           Material group (IEC 60664-1)         1           Mechanical data   Material dat  |  |  |
| COLASS 0   27279218     ECLASS 0   27279218     ECLASS 0   27279218     ECLASS 0   27279218     ECLASS 0   2709311     ECLASS 1   27093 |  | <del>-</del>   |
| ECLASS-6.0         27279218           ECLASS-7.0         27279218           ECLASS-8.0         27279218           ECLASS-9.0         27090311           ECLASS-9.0         27090311           ECLASS-1.1         27090311           ECLASS-1.2.0         27090311           ECLASS-1.2.0         1000185           customs tarff number         85444290           CITIN         4048673085307           Packaging unit         1           Electrical data   Supply         1           Pederating voltage AC max.         30 V           Operating voltage AC max.         30 V           Political of Cable Circlas         1           Political of Cable Voltage Voltage Volt   |  |  |
| ECLASS-70         2727218           ECLASS-8.0         2727218           ECLASS-9.0         27080311           ECLASS-10.1         27080311           ECLASS-11.1         27080311           ECLASS-12.0         27080311           ECLASS-12.0         ECONIST           ETIM 5.0         ECONIST           GTIN         4048873903907           Packaging unit         1           Electrical data   Supply         Peradaging voltage AC max.           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection         Will x 1           Mouring set         M12 x 1           Pollution Degree         3           Raded suge voltage         0,8 kV           Material screen commercion         Zinc die-casting           Environmental characteristics Climatic         Coating of lifting           Environmental characteristics Climatic         Zinc die-casting           Environmental characteristics Climatic         Zinc die-castin  |  | 27270218   |
| ECLASS-8.0         27702018           ECLASS-9.0         277060311           ECLASS-1.1         27060311           ECLASS-1.1.1         27060311           ECLASS-1.2.0         2008031           ETM-5.0         EC001855           customs staff inumber         85444290           GTIN         404879385307           Packaging unit         1           Electrical data i Suply         Operating voltage AC max.           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Installation   Connection         V           Mounting set         M12 x 1           Device protection   Electrical         V           Pollution Dugroe         3           Rated surge voltage         0.8 kV           Meterial group (EC 80684-1)         1           Meterial group (EC 80684-1)         25 °C           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperature min.         25 °C           Operating temperat   |  |  |
| ECLASS 9.0         27060311           ECLASS 10.1         27060311           ECLASS 11.1         27060311           ECLASS 12.0         27060311           ECLASS 12.0         27060311           ECLASS 12.0         ECOMISS           customs tariff rumber         85444290           GTIN         4048879365307           Packaging unit         1           Electrical data I Supply         Poperating voltage AC max.           Operating voltage DC max.         30 V           Poresting voltage DC max.         30 V           Installation   Connection         Work Protection   Electrical Pollution Degree           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (EC 80664-1)         1           Material screw connection         Zinc die-casting           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Coperating temperature min.         25 °C           Operating temperature may.         85 °C           Additional condition emperature range         depending on cable quality           Installation   Cable         Cable Type   |  |  |
| ECLASS-10.1         27060311           ECLASS-12.0         27060311           ETIMS-0         ECO01855           customs tarff rumber         85444290           OTIN         4048679365307           Packaging unit         1           Electrical data   Supply         V           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Portage protection   Electrical         V           Mounting set         M12 x 1           Bevice protection   Electrical         V           Pollution Degree         3           Raced surge voltage         0,8 kV           Material group (EC 69664-1)         I           Mechanical data   Marchal data         V           Casting of fitting         nickel plated           Material screw connection         Zinc die-easting           Environmental characteristics   Climatic         Corporating temperature min.           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range   depending on cable quality           Installation   Zibe         295           Cable identification         295           Cable identification   |  |  |
| ECLASS-11.1         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           oustoms Stafff rumber         85444290           GTIN         4048873955307           Packaging unt         1           Electrical data   Suppty           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Pollution Dagree         3           Rated surge voltage         0.8 kV           Material data   Material da   |  |  |
| ECIASS-12.0         27060311           ETIM 5.0         EC001985           customs tarif number         85444290           GTIN         4048879965307           Packaging unit         1           Electrical data [Suppty           Operating voltage AC max.         30 V           Operating voltage AC max.         30 V           Installation   Connection           Mounting set M12x 1           Device protection   Electrical           Pollution   Degree         3           All Selectival (Electrical Pollution)           Pollution Degree         3           All Selectival Material Selection   Electrical           Pollution Degree         3           All Selection (Electrical Pollution)           Material Selection (Electrical Pollution)           Pollution Degree         3           All Selection Material Jacker (Electrical Pollution)           Colspan="2">All Selection (Electrical Pollution)           Colspan="2">All Selection (Electrical Pollution)           Colspan="2">Pollution (Electrical Pollution)           Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Co   |  |  |
| ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         404897985907           Packaging unit         1           Electrical data   Supply           Operating vollage DC max.         30 V           Operating vollage DC max.         30 V           Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (ICC 60684-1)         1           Mechanical data   Material data           Coding of Itting           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Coperating temperature minx.         25 °C           Operating temperature minx.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         295           Cable identification         295           Cable identification         20           Cable of Type <t< td=""><td></td><td></td></t<>   |  |  |
| customs tariff number         85444290           GTIN         4048979365307           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection         Western   Vester   Ves  |  |  |
| GTN         4048879365307           Packaging unit         1           Electrical data   Supply         Coperating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection         Mil 2x 1           Device protestion   Electrical         Westernamental protestion   Electrical           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Installation   Connection           Coating of fitting         nickel plated           Material snew connection         20 cite decasting           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         295         Cable identification         295           Cable identification         295   |  |  |
| Packaging unit   1   1     Electrical data   Supply  |  |  |
| Electrical data   Supply         30 V           Operating voltage AC max.         30 V           Installation   Connection         Mulz x 1           Device protection   Electrical         Mulz x 1           Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         1           Rechanical data   Material data         Mulz x 1           Coating of litting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic         Volume   Coasting           Environmental characteristics   Climatic         Volume   Coasting   Coast  |  |  |
| Operating voltage AC max.         30 V           Operating voltage DC max.         30 V           Installation   Connection         Installation   Connection           Mounting set         M12 x 1           Device protection   Electrical         Pollution Degree         3           Rated surge voltage         0.8 kV           Material group (IEC 60664-1)         I           Mechanical data   Material data         Voltage   Material screw connection           Environmental characteristics   Climatic         Voltage   Contage   Co   |  |  |
| Operating voltage DC max. 30 V  Installation   Connection  Mounting set M12 x 1  Device protection   Electrical  Pollution Degree 3  Rated surge voltage 0,8 kV  Material group (IEC 60664-1) 1  Mechanical data   Material data  Coating of filting nickel plated  Material screw connection Zinc dis-casting  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Operating temperature range depending on cable quality  Installation   Cable  Cable identification 295  Cable rype 3  Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 8 wires around Core filler twisted  Filler yes  wire arrangement brown, crange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mo. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket PUR  Shore dameter (jacket) 5,8 mm  Toler ance outer diameter (jacket) 15 %  |  | 00.1/  |
| Installation   Connection         Mu12 x 1           Device protection   Electrical         Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable Identification         295           Cable Identification         295           Cable Identification         295           Cable Identificate         cuRus           Amount strading         1           Stranding         8 wires around Core filler twisted           Filler         yes           View are arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         55 g/m           Material jacket         PUR           Shore hardness jacket   |  |  |
| Mounting set         M12 x 1           Device protection   Electrical           Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         1           Mechanical data   Material data         Image: Continuo of fitting           Mechanical data   Material data         Image: Continuo of fitting           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic         Climatic           Operating temperature min.         -25 °C           Operating temperature range         depending on cable quality           Installation   Cable         Cable (dentification           Cable Internation         295           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         8 wires around Core filler twisted           Filler         yes           wire arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         55 g/m           Material jacket   |  | 30 V   |
| Poliution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60664-1) I  Coating of fitting nickel plated Material screw connection Zinc die-casting  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 295 Cable Type 3 Jacket Color gray Type of Certificate cURus  Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white No. of bending cycles (C-track) 10 Mo. @ 25 °C Cable weight 55 g/m  Material jacket 9 UR  Material wire insulation PP  Amount wires 8   | Installation   Connection                |  |
| Pollution Degree         3           Rated surge voltage         0,8 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         295           Cable identification         295           Cable identification         295           Cable Volor         gray           Type of Certificate         cURus           Amount stranding         1           Filler         yes           wire arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         55 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         18 each-free, cadminum-free, CFC-free, halogen   | Mounting set                             | M12 x 1  |
| Rated surge voltage         0,8 kV           Material group (IEC 60684-1)         I           Mechanical data   Material data         Incide plated           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable identification         295           Cable identification         295           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         8 wires around Core filler twisted           Filler         yes           wire arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         55 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket) <t< td=""><td>Device protection   Electrical</td><td></td></t<>   | Device protection   Electrical           |  |
| Material group (IEC 60664-1)         I           Mechanical data   Material data         mickel plated           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         Environmental Cable         Environmental Cable           Cable identification         295         Environmental Cable           Cable identification         295         Environmental Cable           Cable identification         295         Environmental Cable           Cable Type         3         3         3         4 <td>Pollution Degree</td> <td>3</td>  | Pollution Degree                         | 3  |
| Mechanical data   Material data           Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable           Cable Identification         295           Cable Identification         295           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         8 wires around Core filler twisted           Filler         yes           wire arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         55 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         9.8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount  | Rated surge voltage                      | 0,8 kV   |
| Coating of fitting         nickel plated           Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification         295           Cable identification         295         Cable identification         295           Jacket Color         gray         Gray         Gray           Type of Certificate         cURus         Curried of the control o   | Material group (IEC 60664-1)             | I  |
| Material screw connection         Zinc die-casting           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable identification           Cable Type         3           Jacket Color         gray           Type of Certificate         cURus           Amount stranding         1           Stranding         8 wires around Core filler twisted           Filler         yes           wire arrangement         brown, orange, violet, pink, gray, black, blue, white           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigth         55 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         9.8 mm           Tolerance outer diameter (jacket)         5.8 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         8  | Mechanical data   Material data          |  |
| Environmental characteristics   Climatic  Operating temperature min. Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 295  Cable Type 3  Jacket Color gray  Type of Certificate CURus  Amount stranding 1  Stranding 8 wires around Core filler twisted  Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth S5 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) 10 dending couter diameter (sheath) 5 % Material wire insulation PP  Amount wires 8   | Coating of fitting                       | nickel plated  |
| Operating temperature min.  -25 °C Operating temperature max.  Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification  295 Cable Type  3 Jacket Color gray Type of Certificate  Amount stranding  1 Stranding 8 wires around Core filler twisted  Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth  Freedom from ingredients (jacket) Duter-diameter (jacket)  Followand Sam  Amount wires  8  Se C Additional condition temperature max. 85 °C Adepending on cable quality  295  Cable weigh Absorb Aartical jacket PUR  Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 10 Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 55 %  Material wire insulation PP Amount wires 8   | Material screw connection                | Zinc die-casting   |
| Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Installation   Cable  Cable identification 295 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 55 g/m  Material jacket PUR Freedom from ingredients (jacket) 9.8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8   | Environmental characteristics   Climatic |  |
| Additional condition temperature range depending on cable quality    Installation   Cable  | Operating temperature min.               | -25 °C   |
| Installation   Cable       Cable identification     295       Cable Type     3       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     8 wires around Core filler twisted       Filler     yes       wire arrangement     brown, orange, violet, pink, gray, black, blue, white       No. of bending cycles (C-track)     10 Mio. @ 25 °C       Cable weigth     55 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     5,8 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PP       Amount wires     8   | Operating temperature max.               | 85 °C  |
| Cable identification 295 Cable Type 3 Jacket Color gray Type of Certificate cURus Amount stranding 1 Stranding 8 wires around Core filler twisted Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white No. of bending cycles (C-track) 10 Mio. @ 25 °C Cable weigth 55 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 19 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 8   | Additional condition temperature range   | depending on cable quality                                     |
| Cable Type       3         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding       8 wires around Core filler twisted         Filler       yes         wire arrangement       brown, orange, violet, pink, gray, black, blue, white         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       55 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5,8 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       8   | Installation   Cable                     |  |
| Jacket Color gray  Type of Certificate cURus  Amount stranding 1  Stranding 8 wires around Core filler twisted  Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   | Cable identification                     | 295  |
| Type of Certificate cURus  Amount stranding 1  Stranding 8 wires around Core filler twisted  Filler yes  wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   | Cable Type                               | 3  |
| Amount stranding  Stranding  8 wires around Core filler twisted  Filler  yes  wire arrangement  brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track)  10 Mio. @ 25 °C  Cable weigth  55 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)  5,8 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  8  | Jacket Color                             | gray   |
| Stranding 8 wires around Core filler twisted  Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   |  |  |
| Filler yes wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8  | Amount stranding                         | 1  |
| wire arrangement brown, orange, violet, pink, gray, black, blue, white  No. of bending cycles (C-track) 10 Mio. @ 25 °C  Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8  | Stranding                                | 8 wires around Core filler twisted                             |
| No. of bending cycles (C-track)  10 Mio. @ 25 °C  Cable weigth  55 g/m  Material jacket  PUR  Shore hardness jacket  90 ± 5 Shore A  Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, halogen-free  Outer-diameter (jacket)  5,8 mm  Tolerance outer diameter (sheath)  ± 5 %  Material wire insulation  PP  Amount wires  8  | Filler                                   | yes  |
| Cable weigth 55 g/m  Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8  | wire arrangement                         | brown, orange, violet, pink, gray, black, blue, white          |
| Material jacket PUR  Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8  | No. of bending cycles (C-track)          | 10 Mio. @ 25 °C  |
| Shore hardness jacket 90 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   | Cable weigth                             | 55 g/m   |
| Freedom from ingredients (jacket)  Outer-diameter (jacket)  Tolerance outer diameter (sheath)  Material wire insulation  PP  Amount wires  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  5,8 mm  2 5 %  PP  Amount wires  8  | Material jacket                          | PUR  |
| Outer-diameter (jacket) 5,8 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   | Shore hardness jacket                    | 90 ± 5 Shore A   |
| Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 8   | Freedom from ingredients (jacket)        | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulation PP Amount wires 8   | Outer-diameter (jacket)                  | 5,8 mm   |
| Amount wires 8   | Tolerance outer diameter (sheath)        | ±5%  |
|  | Material wire insulation                 | PP   |
| Outer diameter insulation 1,2 mm   | Amount wires                             | 8  |
|  | Outer diameter insulation                | 1,2 mm   |



| Outer diameter tolerance core insulation                | ±5%  |
|---|--|
| Shore hardness wire insulation                          | 70 ± 5 Shore D   |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                                   | 32   |
| Diameter of single wires                                | 0,1 mm   |
| Conductor crosssection (wire)                           | 0,25 mm <sup>2</sup>   |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Conductor type (wire)                                   | strand class 6   |
| Traversing distance (C-track)                           | 10 m @ 25 °C   horizontal                                      |
| Current load capacity (standard)                        | to DIN VDE 0298-4  |
| Current load capacity min. wire                         | 3 A  |
| Electrical resistance line constant wire                | 79 Ω/km @ 20 °C  |
| Nominal voltage power AC max.                           | 300 V  |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s  |
| AC withstand voltage power (wire - wire)                | 2,5 kV @ 60 s  |
| Min. operating temperature (static)                     | -40 °C   |
| Max. operating temperature (fixed)                      | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)                    | -25 °C   |
| Operating temperature max. (dynamic)                    | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance  | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2            |
| chemical resistance                                     | Good, application-related testing                              |
| Gasoline resistance                                     | Good, application-related testing                              |
| Oil resistance  | Good, application-related testing   DIN EN 60811-404           |
| Bending radius (fixed)                                  | 5 x Outer diameter   |
| Bending radius (dynamic)                                | 10 x Outer diameter  |
| No. of torsion cycles                                   | 2 Mio.   |
| Torsion speed   | 35 cycles/min  |
| Torsion stress  | ± 180 °/m  |