

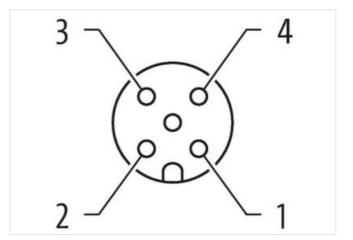
## M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 5m

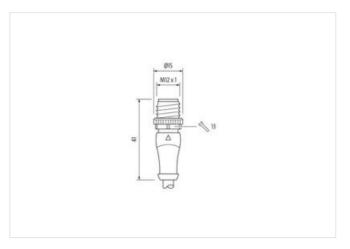
Male straight – female straight M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product



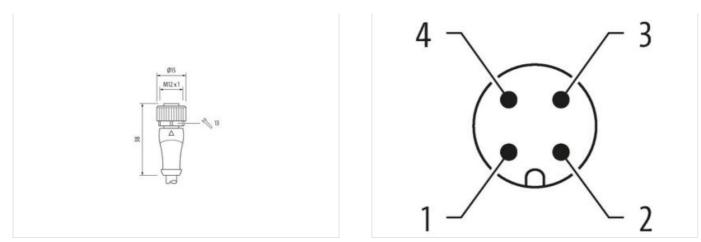






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19





Product may differ from Image



| Cable length                              | 5 m               |
|---|-------------------|
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material                                  | PUR               |
| Width across flats                        | SW13              |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67 |
| Side 2                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Coding                                    | A                 |
| Material                                  | PUR               |
| Width across flats                        | SW13              |
| Commercial data                           |                   |
| ECLASS-6.0                                | 27279218          |
| ECLASS-7.0                                | 27279218          |
| ECLASS-8.0                                | 27279218          |
| ECLASS-9.0                                | 27060311          |
| ECLASS-10.1                               | 27060311          |
| ECLASS-11.1                               | 27060311          |
| ECLASS-12.0                               | 27060311          |
| ETIM-5.0                                  | EC001855          |
| customs tariff number                     | 85444290          |
| GTIN                                      | 4048879183352     |
| Packaging unit                            | 1                 |

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: 2024-04-19



## Electrical data | Supply

| Electrical data   Supply  |   |
|---|---|
| Operating voltage AC max.   | 250 V   |
| Operating voltage DC max.   | 250 V   |
| Operating voltage AC (UL-listed)  | 30 V  |
| Operating voltage DC (UL-listed)  | 30 V  |
| Current operating per contact max.  | 4 A   |
| Installation   Connection   |   |
| Mounting set  | M12 x 1   |
| -   |   |
| Device protection   Electrical  |   |
| Additional condition protection degree  | inserted, screwed   |
| Pollution Degree  | 3   |
| Rated surge voltage   | 2,5 kV  |
| Material group (IEC 60664-1)  | I   |
| Mechanical data   Material data   |   |
| Coating locking   | Nickeled  |
| Coating of fitting  | nickel plated   |
| Locking material  | Zinc die-casting  |
| Material screw connection   | Zinc die-casting  |
| Mechanical data   Mounting data   |   |
| Mounting method   | inserted, screwed, Shaking protection   |
| -   | inserted, screwed, Shaking protection   |
| Environmental characteristics   Climatic  |   |
| Operating temperature min.  | -25 °C  |
| Operating temperature max.  | 85 °C   |
| Additional condition temperature range  | depending on cable quality  |
| Conformity  |   |
| Product standard  | DIN EN 61076-2-101 (M12)  |
| Installation   Cable  |   |
| Installation   Cable  |   |
| Installation   Cable  | 634   |
| Cable identification  | 634   |
| Cable identification<br>Cable Type  | 3   |
| Cable identification<br>Cable Type<br>Jacket Color  | 3<br>black  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate   | 3<br>black<br>cURus   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding   | 3<br>black<br>cURus<br>1  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding  | 3<br>black<br>cURus<br>1<br>4 wires twisted   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement  | 3<br>black<br>cURus<br>1<br>4 wires twisted<br>brown, black, blue, white  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires  | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm  |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Outer-diameter (jacket)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation<br>Outer diameter tolerance core insulation<br>Shore hardness wire insulation   | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation<br>Outer diameter tolerance core insulation<br>Shore hardness wire insulation<br>Ingredient freeness wire insulation                          | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free      |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation<br>Outer diameter tolerance core insulation<br>Shore hardness wire insulation<br>Ingredient freeness wire insulation<br>Amount strands (wire) | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   42 |
| Cable identification<br>Cable Type<br>Jacket Color<br>Type of Certificate<br>Amount stranding<br>Stranding<br>wire arrangement<br>No. of bending cycles (C-track)<br>Cable weigth<br>Material jacket<br>Shore hardness jacket<br>Freedom from ingredients (jacket)<br>Outer-diameter (jacket)<br>Tolerance outer diameter (sheath)<br>Material wire insulation<br>Amount wires<br>Outer diameter insulation<br>Outer diameter tolerance core insulation<br>Shore hardness wire insulation<br>Ingredient freeness wire insulation                          | 3   black   cURus   1   4 wires twisted   brown, black, blue, white   10 Mio. @ 25 °C   36,3 g/m   PUR   90 ± 5 Shore A   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   4,5 mm   ± 5 %   PP   4   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free      |

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: 2024-04-19



| 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                         | 4,8 A  |
| Electrical resistance line constant wire                | 57 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                    |
| UV resistance   | DIN EN ISO 4892-2 A                                  |
| 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)                                  | 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  |

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: 2024-04-19