

## M12 female 0° A-cod. with cable

PUR 3x0.34 bk UL/CSA+drag ch. 1.5m

Female straight

M12, 3-pole

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

with cable sleeves

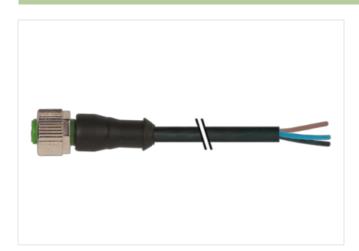
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

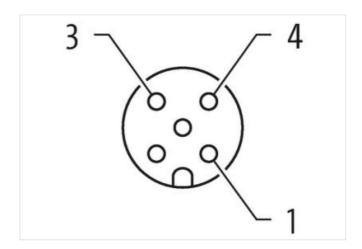
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

1,5 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: 2024-05-08



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| Mounting method                           | inserted, screwed                     |
|---|---------------------------------------|
| Family construction form                  | M12                                   |
| Thread                                    | M12 x 1                               |
| suitable for corrugated tube (internal Ø) | 10 mm                                 |
| Coding                                    | A                                     |
| Material                                  | PUR                                   |
| No. of poles                              | 3                                     |
| Width across flats                        | SW13                                  |
| Degree of protection (EN IEC 60529)       | IP65, IP66K, IP67                     |
| Side 2                                    |                                       |
| Stripping length (jacket)                 | 20 mm                                 |
| Commercial data                           |                                       |
| ECLASS-6.0                                | 27279218                              |
| ECLASS-6.1                                | 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                                      | 4048879213509                         |
| Packaging unit                            | 1                                     |
| 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                 |                                       |
| Stripping length (jacket)                 | 20 mm                                 |
| Mounting set                              | M12 x 1                               |
| Device protection   Electrical            |                                       |
|   | inserted several                      |
| Additional condition protection degree    | inserted, screwed 3                   |
| Pollution Degree Rated surge voltage      | 2,5 kV                                |
| Material group (IEC 60664-1)              | 2,3 NV                                |
| Mechanical data   Material data           | ·                                     |
|   | Niglealed                             |
| Coating locking                           | Nickeled                              |
| Coating of fitting  Locking material      | nickel plated  Zinc die-casting       |
| Material screw connection                 | Zinc die-casting  Zinc die-casting    |
| Mechanical data   Mounting data           |                                       |
| Mounting method                           | inserted, screwed, Shaking protection |
| -   |                                       |
| Environmental characteristics   Climatic  |                                       |
| Operating temperature min.                | -25 °C                                |
| Operating temperature max.                | 85 °C                                 |
| Additional condition temperature range    | depending on cable quality            |
| Important installation notes              |                                       |



stay connected

| lote on bending radius                           | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be |
|--|--|
| lote on bending radius                           | endangered by excessive bending forces.  |
| Conformity                                       |  |
| roduct standard                                  | DIN EN 61076-2-101 (M12)   |
| Installation   Cable                             |  |
| Cable identification                             | 633  |
| Cable Type                                       | 3  |
| acket Color                                      | black  |
| ype of Certificate                               | cURus  |
| mount stranding                                  | 1  |
| Stranding  | 3 wires twisted  |
| rire arrangement                                 | brown, black, blue   |
| raversing distance (C-track)                     | 10 m @ 25 °C   horizontal  |
| Cable weigth                                     | 29,7 g/m   |
| Material jacket                                  | PUR  |
| Shore hardness jacket                            | 90 ± 5 Shore A   |
| reedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   |
| Outer-diameter (jacket)                          | 4,1 mm   |
| olerance outer diameter (sheath)                 | ±5%  |
| Material wire insulation                         | PP   |
| mount wires                                      | 3  |
| Outer diameter insulation                        | 1,25 mm  |
| Outer diameter tolerance core insulation         | ±5%  |
| Shore hardness wire insulation                   | 70 ± 5 Shore D   |
| ngredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   |
| amount strands (wire)                            | 42   |
| Diameter of single wires                         | 0,1 mm   |
| Conductor crosssection (wire)                    | 0,34 mm²   |
| Material conductor wire                          | Stranded copper wire, bare   |
| Conductor type (wire)                            | strand class 6   |
| Iominal voltage AC max.                          | 300 V  |
| Current load capacity (standard)                 | to DIN VDE 0298-4  |
| Current load capacity min. wire                  | 6 A  |
| Electrical resistance line constant wire         | 57 Ω/km @ 20 °C  |
| C withstand voltage (wire - wire)                | 2,5 kV @ 60 s  |
| Power frequency withstand voltage (wire - acket) | 2,5 kV @ 60 s  |
| fin. operating temperature (static)              | -40 °C   |
| flax. 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  |
| IV resistance                                    | DIN EN ISO 4892-2 A  |
| lame resistance                                  | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  |
| hemical resistance                               | Good, application-related testing  |
| asoline resistance                               | Good, application-related testing  |
| Dil resistance                                   | Good, application-related testing   DIN EN 60811-404   |
| ending radius (fixed)                            | 5 x Outer diameter   |
| dending radius (dynamic)                         | 10 x Outer diameter  |
|  | 10 Mio. @ 25 °C  |
| ravel speed (C-track)                            |  |
| lo. of torsion cycles                            | 2 Mio.   |