

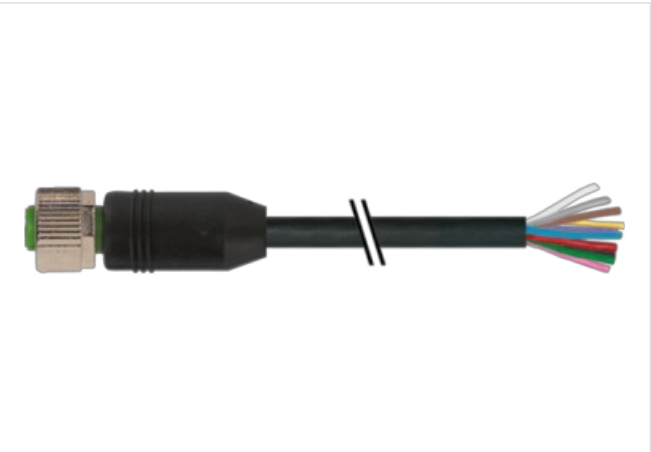
M12 female 0° A-cod. with cable

PVC 12x0.14 bk 25m

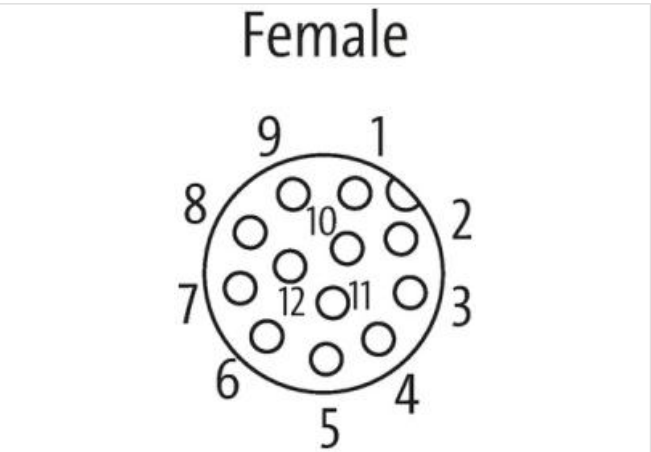
Female straight  
M12, 12-pole  
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request  
with cable sleeves  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link to Product

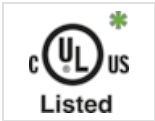
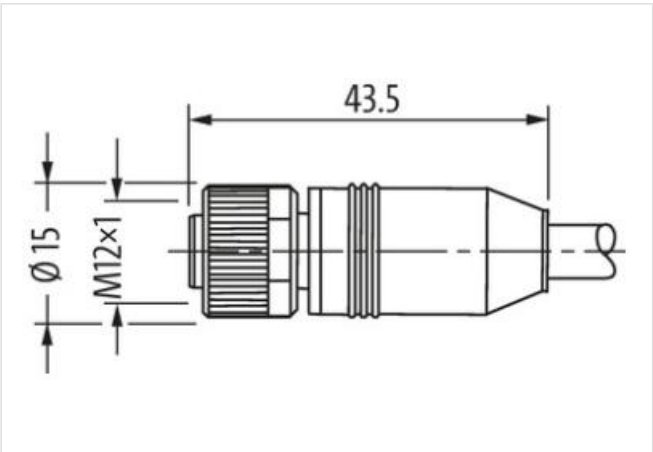
Illustration



|    |   |           |
|----|---|-----------|
| 1  | ↪ | brown     |
| 2  | ↪ | blue      |
| 3  | ↪ | white     |
| 4  | ↪ | green     |
| 5  | ↪ | pink      |
| 6  | ↪ | yellow    |
| 7  | ↪ | black     |
| 8  | ↪ | gray      |
| 9  | ↪ | red       |
| 10 | ↪ | violet    |
| 11 | ↪ | gray/pink |
| 12 | ↪ | red/blue  |



Product may differ from Image



\* only for products with UL/CSA approved cable

Form

Form 19041

Technical Data

|                                           |                                                                                                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Operating voltage                         | max. 30 V AC/DC                                                                                          |
| Operating voltage (only UL listed)        | 30V AC/DC                                                                                                |
| Rated surge voltage                       | 0.8 kV                                                                                                   |
| Operating current per contact             | max. 1.5 A                                                                                               |
| Material group                            | IEC 60664-1, category I                                                                                  |
| Coding                                    | A-coded                                                                                                  |
| Locking of ports                          | Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing                                         |
| Protection                                | IP65, IP66K, IP67 inserted and tightened (EN 60529)                                                      |
| Material                                  | PUR                                                                                                      |
| Locking material                          | Zinc die casting, matte nickel plated                                                                    |
| suitable for corrugated tube (internal Ø) | without                                                                                                  |
| Compression gland                         | M12 (SW13)                                                                                               |
| <b>General data</b>                       |                                                                                                          |
| Standards                                 | DIN EN 61076-2-101 (M12)                                                                                 |
| Mounting method                           | inserted, tightened                                                                                      |
| Pollution Degree                          | 3                                                                                                        |
| Temperature range                         | -25...+85 °C, depending on cable quality                                                                 |
| <b>Cables</b>                             |                                                                                                          |
| Cable identification                      | 702                                                                                                      |
| Cable Type                                | 1 (PVC)                                                                                                  |
| Approval (cable)                          | CE conform                                                                                               |
| Cable weight [g/m]                        | 55 g                                                                                                     |
| Material (wire)                           | Cu wire, bare                                                                                            |
| Resistor (core)                           | max. 138 Ω/km (20 °C)                                                                                    |
| Single wire Ø (core)                      | 0.1 mm                                                                                                   |
| Construction (core)                       | 18× 0.1 mm (multi-strand wire class 6)                                                                   |
| Diameter (core)                           | 12× 0.14 mm <sup>2</sup>                                                                                 |
| AWG                                       | similar to AWG 26                                                                                        |
| Material (wire isolation)                 | PVC                                                                                                      |
| Material property (wire isolation)        | CFC-, cadmium-, silicone- and lead-free                                                                  |
| Shore hardness (wire isolation)           | 85 ±5 A                                                                                                  |
| Wire-Ø incl. isolation                    | 1.0 mm ±5%                                                                                               |
| Color/numbering of wires                  | br, rd, gr, bk, ye, pk, gn, wh, bl, rdbl, grpk, vi                                                       |
| Stranding combination                     | Twisted wires rdbl, grpk and vi, over it all other wires are twisted                                     |
| Shield                                    | no                                                                                                       |
| Material (jacket)                         | PVC                                                                                                      |
| Material property (jacket)                | CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant |
| Shore hardness (jacket)                   | 75 ±5 A                                                                                                  |
| Outer-Ø (jacket)                          | 6.0 mm ±5%                                                                                               |
| Color (jacket)                            | black                                                                                                    |
| chemical resistance                       | good resistance to oil, gasoline and chemicals                                                           |
| Nominal voltage                           | 300 V                                                                                                    |
| Test voltage                              | 1500 V AC                                                                                                |
| Temperature range (fixed)                 | -30...+70 °C                                                                                             |
| Temperature range (mobile)                | -5...+70 °C                                                                                              |
| Bend radius (moving)                      | 10× outer Ø                                                                                              |
| Product article number of manufacturer    | 7000-19041-7022500                                                                                       |
| Cable length                              | 25 m                                                                                                     |