

M12 FEMALE 0°

PVC 12x0,14 black 5m

Female straight

M12, 12-pole

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

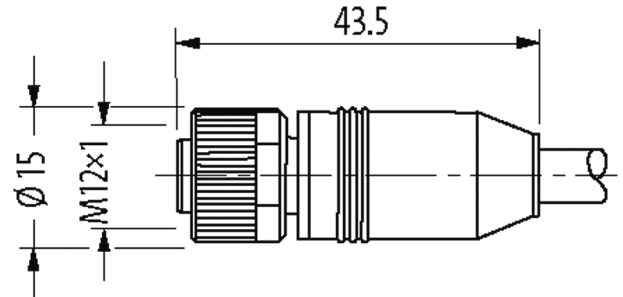
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

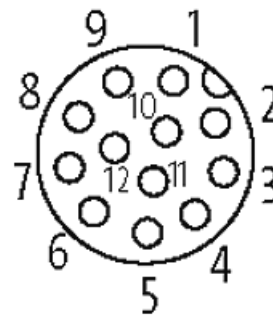
[Link to Product](#)

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 |

Female



Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form

Form 19041

Technical Data

| | |
|-------------------------------|-----------------|
| Operating voltage | max. 30 V AC/DC |
| Rated surge voltage | 0.8 kV |
| Operating current per contact | max. 1.5 A |

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 07/21

| | |
|---|--|
| 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 |
| Compression gland | M12 (SW13) |
| Protection | IP65, IP66K, IP67 inserted and tightened (EN 60529) |
| Locking material | Zinc die casting, matte nickel plated |
| Material | PUR |
| suitable for corrugated tube (internal Ø) | without |

General data

| | |
|-------------------|--|
| Standards | DIN EN 61076-2-101 (M12) |
| Mounting method | inserted, tightened |
| Pollution Degree | 3 |
| Temperature range | -25...+85 °C, depending on cable quality |

Cables

| | |
|------------------------------------|--|
| No./diameter of wires | 12× 0.14 mm ² |
| Wire isolation | PVC (br, bl, wh, gn, pk, ye, bk, gr, rd, vi, grpk, rdbl) |
| Material (jacket) | PVC |
| Outer Ø | 6.0 mm ±5% |
| Bend radius (moving) | 10× outer Ø |
| Temperature range (fixed) | -30...+70 °C |
| Temperature range (mobile) | -5...+70 °C |
| Cable identification | 702 |
| Cable Type | 1 (PVC) |
| Approval (cable) | CE conform |
| Cable weight [g/m] | 55,00 |
| 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 ² |
| 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 |
| Jacket Color | black |

Commercial data

| | |
|-------------------|----|
| country of origin | DE |
|-------------------|----|

| | |
|-----------------------|---------------|
| customs tariff number | 85444290 |
| EAN | 4048879189163 |
| eClass | 27279218 |
| Packaging unit | 1 |