

**M12 female 90° with cable**

PUR 3x0.34 bk UL/CSA+robot+drag chain 9m

M12

Female 90°

3-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](#)**Illustration**

# Female



Product may differ from Image

### Approvals



\* only for products with UL/CSA approved cable

### Form

Form 12321

### Cables

|                             |                          |
|-----------------------------|--------------------------|
| Cable number                | 653                      |
| No./diameter of wires       | 3 × 0.34 mm <sup>2</sup> |
| Wire isolation              | PP (br, bl, bk)          |
| C-track properties          | 10 Mio.                  |
| Torsion                     | 1 Mio. ± 360°/m          |
| Jacket Color                | black                    |
| Shore hardness outer jacket | 58 ± 3D                  |

|                            |                                  |
|----------------------------|----------------------------------|
| Material (jacket)          | PUR (UL/CSA), welding spark res. |
| Outer Ø                    | approx. 4.3 mm                   |
| Bend radius (fixed)        | 5 × outer Ø                      |
| Bend radius (moving)       | 10 × outer Ø                     |
| Temperature range (fixed)  | -40...+90 °C                     |
| Temperature range (mobile) | -25...+90 °C                     |

#### General data

|                   |                                          |
|-------------------|------------------------------------------|
| Temperature range | -25...+85 °C, depending on cable quality |
|-------------------|------------------------------------------|

#### Technical Data

|                                    |                                                                   |
|------------------------------------|-------------------------------------------------------------------|
| Operating voltage                  | max. 250 V AC/DC                                                  |
| Operating voltage (only UL listed) | max. 30 V AC/DC                                                   |
| Operating current per contact      | max. 4 A                                                          |
| Locking of ports                   | Screw thread M12 × 1 mm (recommended torque 0.6 Nm) self-securing |
| Protection                         | IP66K, IP67 inserted and tightened (EN 60529)                     |
| Locking material                   | Zinc die casting, matte nickel plated                             |

#### Commercial data

|                        |          |
|------------------------|----------|
| country of origin      | DE       |
| customs tariff number  | 85444290 |
| minimum order quantity | 1        |