

**MQ12 MALE 90° / MQ12 FEMALE 90°**

PUR 4X0.34 GRAY, 0.6m

Male 90° – female 90°

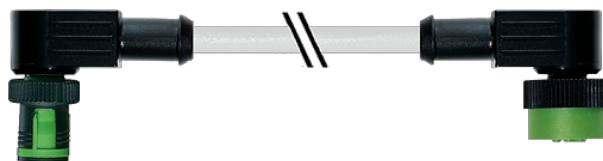
MQ12 – MQ12, 4-pole

with cable sleeves

Further cable lengths 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.

**[Link to Product](#)****Illustration**

Product may differ from Image

**Form**

Form 40261

**General data**

Pollution Degree 3

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

**Cables**

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| No./diameter of wires              | 4 × 0.34 mm <sup>2</sup>                   |
| Wire isolation                     | PVC (br, wh, bl, bk)                       |
| C-track properties                 | 2 Mio.                                     |
| Material (jacket)                  | PUR/PVC (UL/CSA)                           |
| Outer Ø                            | 5.2 mm ±5%                                 |
| Bend radius (moving)               | 15 × outer Ø                               |
| Temperature range (fixed)          | -30...+80 °C                               |
| Temperature range (mobile)         | -5...+80 °C                                |
| Cable identification               | 224                                        |
| Cable Type                         | 2 (PUR/PVC)                                |
| Approval (cable)                   | UL (AWM-Style 20549/1731), CSA; CE conform |
| Cable weight [g/m]                 | 42,68                                      |
| Material (wire)                    | Cu wire, bare                              |
| Resistor (core)                    | max. 57 Ω/km (20 °C)                       |
| Single wire Ø (core)               | 0.1 mm                                     |
| Construction (core)                | 42 × 0.1 mm (multi-strand wire class 6)    |
| Diameter (core)                    | 4 × 0.34 mm <sup>2</sup>                   |
| AWG                                | similar to AWG 22                          |
| Material (wire isolation)          | PVC                                        |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free    |
| Shore hardness (wire isolation)    | 43 ±5 D                                    |
| Wire-Ø incl. isolation             | 1.25 mm ±5%                                |
| Color/numbering of wires           | br, bk, bl, wh                             |

|                                 |                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stranding combination           | 4 wires twisted                                                                                                                                        |
| Shield                          | no                                                                                                                                                     |
| Material (jacket)               | PUR/PVC                                                                                                                                                |
| Material property (jacket)      | CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant |
| Shore hardness (jacket)         | 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)                                                                                                       |
| Outer-Ø (jacket)                | 5.2 mm ±5%                                                                                                                                             |
| Color (jacket)                  | gray                                                                                                                                                   |
| chemical resistance             | good resistance to oil, gasoline and chemicals                                                                                                         |
| Nominal voltage                 | UL 300 V AC                                                                                                                                            |
| Test voltage                    | 2000 V AC                                                                                                                                              |
| Current load capacity           | to DIN VDE 0298-4                                                                                                                                      |
| Temperature range (fixed)       | -30...+80 °C                                                                                                                                           |
| Temperature range (mobile)      | -5...+80 °C                                                                                                                                            |
| Bend radius (fixed)             | 10× outer Ø                                                                                                                                            |
| Bend radius (moving)            | 15× outer Ø                                                                                                                                            |
| No. of bending cycles (C-track) | max. 2 Mio. (25 °C)                                                                                                                                    |
| Traversing distance (C-track)   | max. 5 m (horizontal)                                                                                                                                  |
| Travel speed (C-track)          | max. 3.3 m/s                                                                                                                                           |
| Acceleration (C-track)          | max. 5 m/s²                                                                                                                                            |
| Jacket Color                    | gray                                                                                                                                                   |

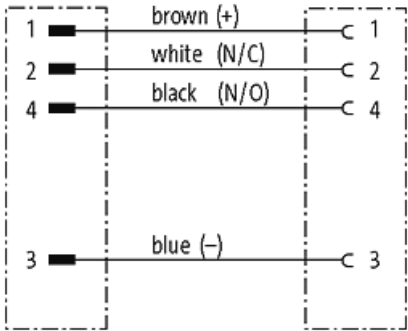
**Technical Data**

|                                           |                                             |
|-------------------------------------------|---------------------------------------------|
| Operating voltage                         | max. 250 V AC/DC                            |
| Rated surge voltage                       | 2.5 kV                                      |
| Operating current per contact             | max. 4 A                                    |
| No. of poles                              | 4                                           |
| Material group                            | IEC 60664-1, category II                    |
| Coding                                    | A-coded                                     |
| Locking of ports                          | Quick connection, 1/4 turn                  |
| Compression gland                         | PA                                          |
| Protection                                | IP65/IP67 inserted and tightened (EN 60529) |
| suitable for corrugated tube (internal Ø) | 10 mm                                       |

**Commercial data**

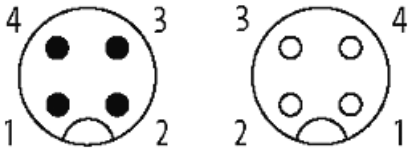
|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879105651 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**



Male

Female



Product may differ from Image