

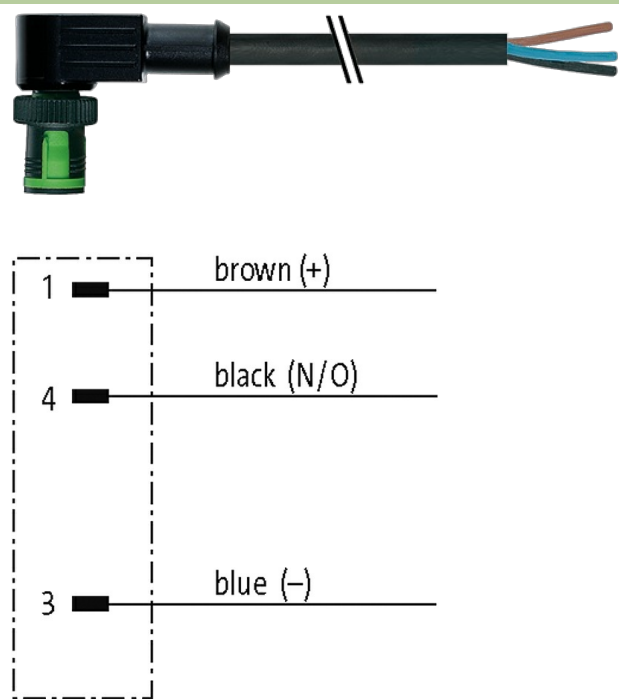
**MQ12 MALE 90°**

PVC 3X0.34 black 2m

Male 90°  
MQ12, 3-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                       | 12081                                    |
| General data               |                                          |
| Pollution Degree           | 3                                        |
| Stripping length (jacket)  | 20 mm                                    |
| Temperature range          | -25...+85 °C, depending on cable quality |
| Cables                     |                                          |
| No./diameter of wires      | 3× 0.34 mm²                              |
| Wire isolation             | PVC (br, bl, bk)                         |
| Material (jacket)          | PVC (UL/CSA)                             |
| Outer Ø                    | 4.6 mm ±5%                               |
| Bend radius (moving)       | 10× outer Ø                              |
| Temperature range (fixed)  | -30...+80 °C                             |
| Temperature range (mobile) | -5...+80 °C                              |
| Cable identification       | 613                                      |

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| Cable Type                         | 1 (PVC)                                        |
| Approval (cable)                   | UL (AWM-Style 2464/1731), CSA                  |
| Cable weight [g/m]                 | 34,10                                          |
| Material (wire)                    | Cu wire, bare                                  |
| Resistor (core)                    | max. 60 $\Omega$ /km (20 °C)                   |
| Single wire Ø (core)               | 0.15 mm                                        |
| Construction (core)                | 19× 0.15 mm (multi-strand wire class 5)        |
| AWG                                | similar to AWG 22                              |
| Material (wire isolation)          | PVC                                            |
| Material property (wire isolation) | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (wire isolation)    | 45 ±5 D                                        |
| Wire-Ø incl. isolation             | 1.25 mm ±5%                                    |
| Color/numbering of wires           | br, bk, bl                                     |
| Stranding combination              | 3 wires twisted                                |
| Shield                             | no                                             |
| Material (jacket)                  | PVC                                            |
| Material property (jacket)         | CFC-, cadmium-, silicone- and lead-free        |
| Shore hardness (jacket)            | 85 ±5 A                                        |
| Outer-Ø (jacket)                   | 4.6 mm ±5%                                     |
| Color (jacket)                     | black                                          |
| chemical resistance                | good resistance to oil, gasoline and chemicals |
| thermal resistance                 | flame retardant UL 1581 VW1 / CSA FT1          |
| 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)                | 5× outer Ø                                     |
| Bend radius (moving)               | 10× outer Ø                                    |
| Jacket Color                       | black                                          |

**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                              | 3                                           |
| 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                   | 4048879107457 |
| eClass                | 27279218      |
| Packaging unit        | 1             |

**Sketch**

Male



Product may differ from Image