

**M12 female 90° A-cod. with cable**

RADOX EM 104 4x0.5 bk 2m

Female 90°

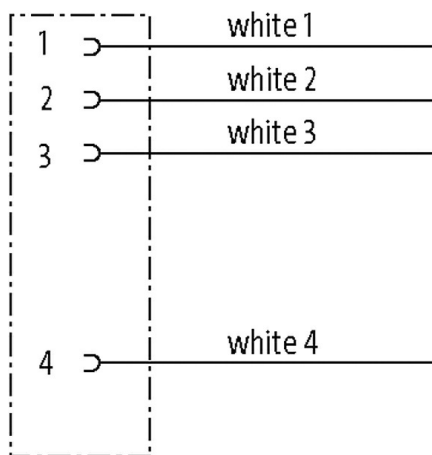
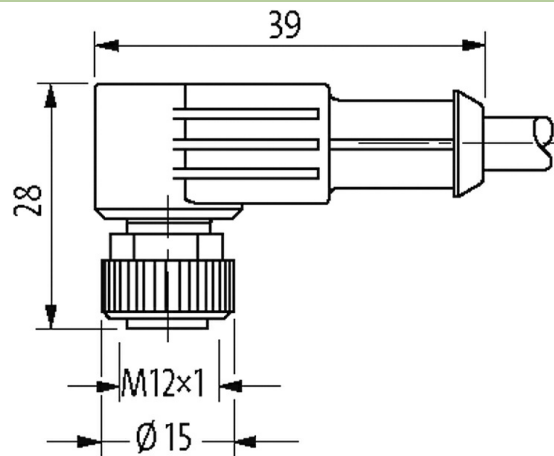
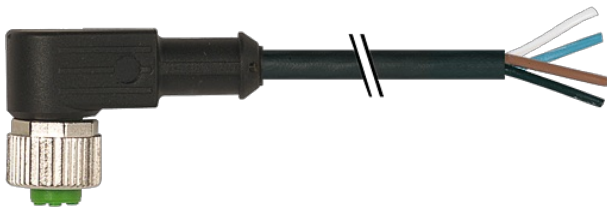
M12, 4-pole

with cable sleeves

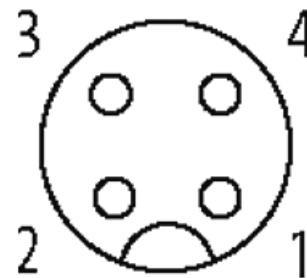
Plastic housings with good resistance against chemicals and oils.

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**

Female



Product may differ from Image

**Form**

Form 12341

**Technical Data**

|                               |                                                                  |
|-------------------------------|------------------------------------------------------------------|
| Operating voltage             | max. 250 V AC/DC                                                 |
| Operating current per contact | max. 4 A                                                         |
| Rated surge voltage           | 2.5 kV                                                           |
| Material group                | IEC 60664-1, category I                                          |
| Coding                        | A-coded                                                          |
| Locking of ports              | Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing |
| Compression gland             | M12 (SW13)                                                       |

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: 03/22

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|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Locking material                          | Zinc die casting, matte nickel plated |
| Material                                  | PUR                                   |
| suitable for corrugated tube (internal Ø) | 10 mm                                 |

**General data**

|                           |                                          |
|---------------------------|------------------------------------------|
| Standards                 | DIN EN 61076-2-101 (M12)                 |
| Mounting method           | inserted, tightened                      |
| Pollution Degree          | 3                                        |
| Stripping length (jacket) | 40 mm                                    |
| Temperature range         | -25...+85 °C, depending on cable quality |

**Cables**

|                            |                             |
|----------------------------|-----------------------------|
| Cable identification       | R03                         |
| Approval (cable)           | DIN EN 45545-2, CE conform  |
| Cable weight [g/m]         | 62,70                       |
| Material (wire)            | Cu wire, tin plated         |
| Resistor (core)            | max. 40.1 Ω/km (20 °C)      |
| Single wire Ø (core)       | 0.18 mm                     |
| Construction (core)        | 19× 0.18 mm                 |
| Diameter (core)            | 4× 0.5 mm <sup>2</sup>      |
| AWG                        | similar to AWG 20           |
| Material (wire isolation)  | Radox EI 303                |
| Wire-Ø incl. isolation     | 1.42 mm ±5%                 |
| Color/numbering of wires   | wh (bk num)                 |
| Stranding combination      | 4 wires twisted             |
| Shield                     | no                          |
| Material (jacket)          | Radox EM 104                |
| Outer-Ø (jacket)           | 5.0 mm ±5%                  |
| Color (jacket)             | black                       |
| Nominal voltage            | 600/1000 V AC               |
| Test voltage               | 3500 V AC                   |
| Current load capacity      | according to DIN VDE 0298-4 |
| Temperature range (fixed)  | -50...+120 °C               |
| Temperature range (mobile) | -25...+90 °C                |
| Bend radius (fixed)        | 3× outer-Ø                  |
| Bend radius (moving)       | 4× outer-Ø                  |
| Jacket Color               | black                       |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444290      |
| EAN                   | 4048879762304 |
| eClass                | 27279218      |
| Packaging unit        | 1             |