

**M8 male 0° with cable**

RADOX EM 104 3x0.5 bk 1,5m

Male straight

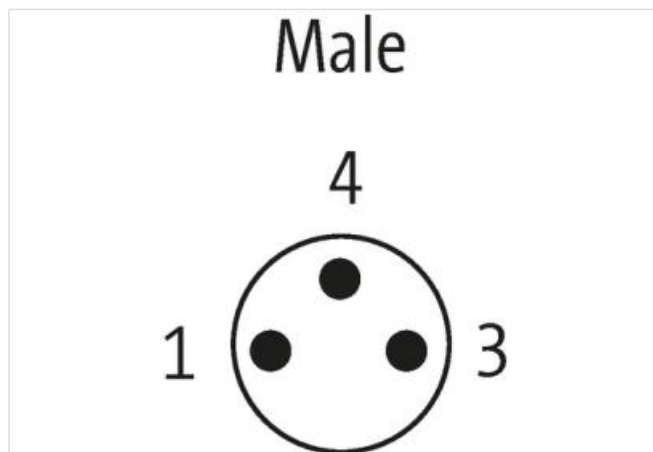
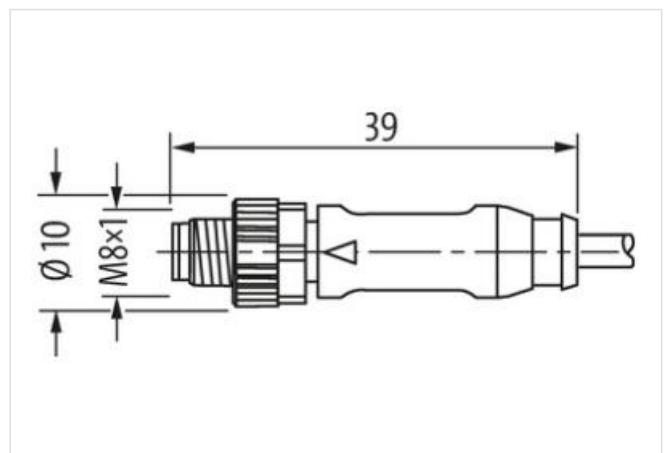
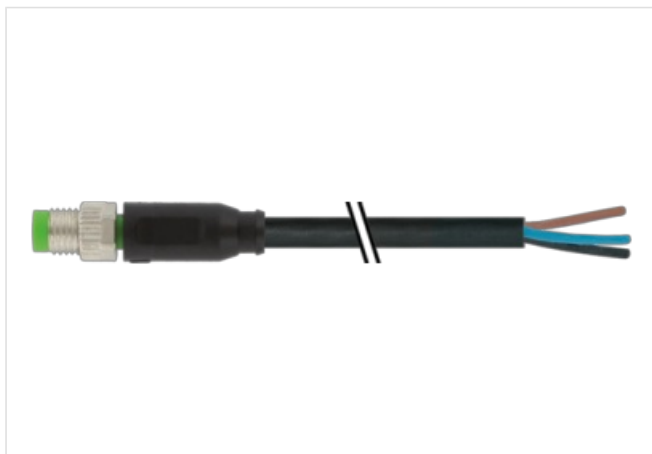
M8, 3-pole

with cable sleeves

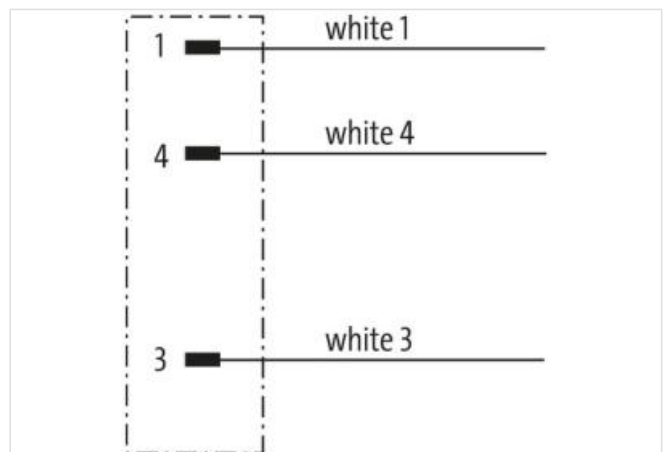
Plastic housings with good resistance against chemicals and oils.

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**

Product may differ from Image

**Form**

Form 08001

**Technical Data**

Operating voltage max. 50 V AC/60 V DC

|                                           |                                                                 |
|-------------------------------------------|-----------------------------------------------------------------|
| Rated surge voltage                       | 1.5 kV                                                          |
| Operating current per contact             | max. 4 A                                                        |
| No. of poles                              | 3                                                               |
| Material group                            | IEC 60664-1, category I                                         |
| LED display                               | no                                                              |
| Locking of ports                          | Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing |
| Protection                                | IP65, IP66K, IP67 inserted and tightened (EN 60529)             |
| Material                                  | PUR                                                             |
| suitable for corrugated tube (internal Ø) | 6.5 mm                                                          |
| Compression gland                         | M8 (SW9)                                                        |

#### General data

|                           |                                          |
|---------------------------|------------------------------------------|
| Standards                 | DIN EN 61076-2-104 (M8)                  |
| Mounting method           | inserted, tightened                      |
| Pollution Degree          | 3                                        |
| Stripping length (jacket) | 40 mm                                    |
| Temperature range         | -25...+85 °C, depending on cable quality |

#### Cables

|                                        |                             |
|----------------------------------------|-----------------------------|
| Cable identification                   | R02                         |
| Approval (cable)                       | DIN EN 45545-2, CE conform  |
| Cable weight [g/m]                     | 41,8 g                      |
| 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)                        | 3× 0.5 mm²                  |
| 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                  | 3 wires twisted             |
| Shield                                 | no                          |
| Material (jacket)                      | Radox EM 104                |
| Outer-Ø (jacket)                       | 4.6 mm ±5%                  |
| Color (jacket)                         | black                       |
| Jacket Color                           | 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                  |
| Product article number of manufacturer | 7080-08001-R020150          |
| Cable length                           | 1,5 m                       |