

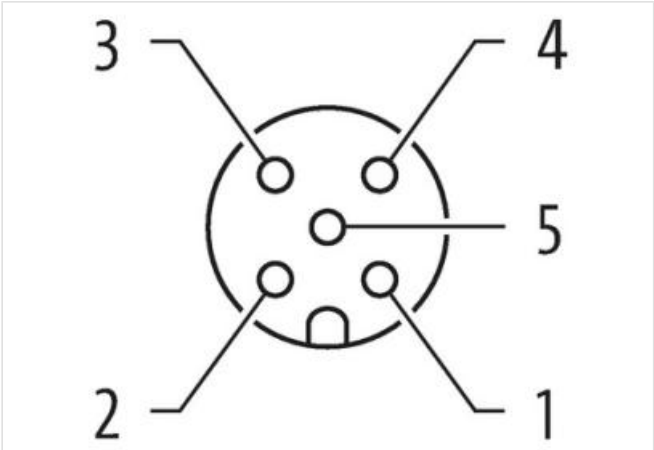
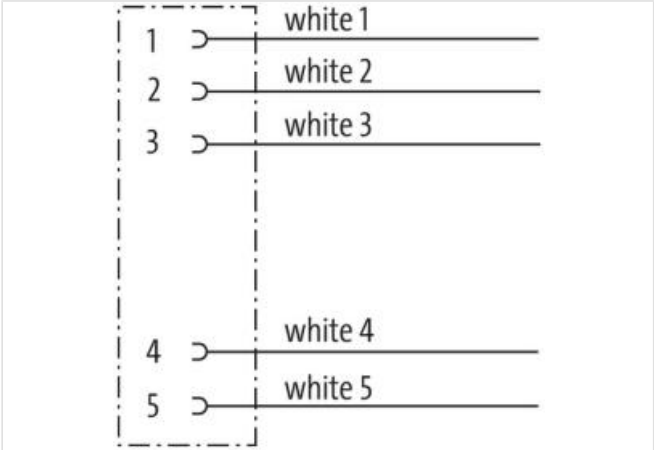
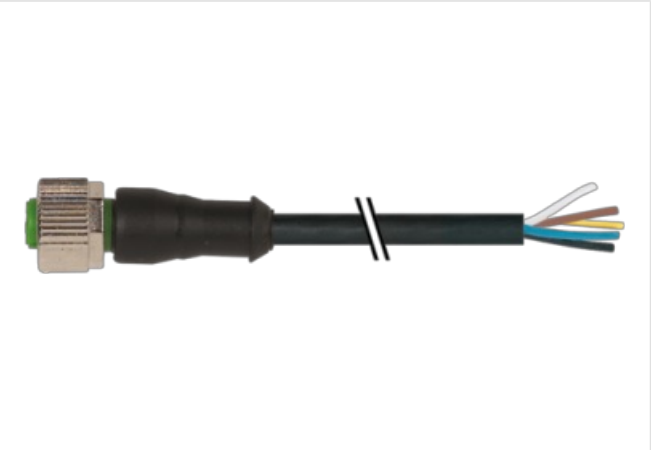
M12 female 0° A-cod. with cable

RADOX EM 104 5x0.5 bk 1.5m

Female straight  
M12, 5-pole  
A-coded  
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

|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 1,5 m             |
| Side 1                                    |                   |
| Tightening torque                         | 0,6 Nm            |
| Mounting method                           | inserted, screwed |
| Family construction form                  | M12               |
| Thread                                    | M12 x 1           |
| suitable for corrugated tube (internal Ø) | 10 mm             |

|                                                 |                                       |
|-------------------------------------------------|---------------------------------------|
| Coding                                          | A                                     |
| No. of poles                                    | 5                                     |
| Width across flats                              | SW13                                  |
| <b>Side 2</b>                                   |                                       |
| Stripping length (jacket)                       | 40 mm                                 |
| <b>Commercial data</b>                          |                                       |
| ECLASS-6.0                                      | 27279218                              |
| ECLASS-7.0                                      | 27279218                              |
| ECLASS-8.0                                      | 27279218                              |
| ECLASS-9.0                                      | 27060311                              |
| ECLASS-10.1                                     | 27060311                              |
| ECLASS-11.1                                     | 27060311                              |
| ECLASS-12.0                                     | 27060311                              |
| ETIM-5.0                                        | EC001855                              |
| customs tariff number                           | 85444290                              |
| GTIN                                            | 4048879730815                         |
| Packaging unit                                  | 1                                     |
| <b>Electrical data   Supply</b>                 |                                       |
| Operating voltage AC max.                       | 125 V                                 |
| Operating voltage DC max.                       | 125 V                                 |
| Current operating per contact max.              | 4 A                                   |
| <b>Diagnostics</b>                              |                                       |
| Status indication LED                           | no                                    |
| <b>Installation   Connection</b>                |                                       |
| Stripping length (jacket)                       | 40 mm                                 |
| <b>Device protection   Electrical</b>           |                                       |
| Pollution Degree                                | 3                                     |
| Rated surge voltage                             | 1,5 kV                                |
| Material group (IEC 60664-1)                    | I                                     |
| <b>Mechanical data   Material data</b>          |                                       |
| Coating locking                                 | Nickeled                              |
| Material housing                                | PUR                                   |
| Locking material                                | Zinc die-casting                      |
| <b>Mechanical data   Mounting data</b>          |                                       |
| Mounting method                                 | inserted, screwed, Shaking protection |
| <b>Environmental characteristics   Climatic</b> |                                       |
| Operating temperature min.                      | -25 °C                                |
| Operating temperature max.                      | 85 °C                                 |
| Additional condition temperature range          | depending on cable quality            |
| <b>Conformity</b>                               |                                       |
| Product standard                                | DIN EN 61076-2-101 (M12)              |
| <b>Installation   Cable</b>                     |                                       |
| Cable identification                            | R04                                   |
| Printing color of wire insulation               | black (white isolation)               |
| Printing spacing of wire insulation             | 15 mm                                 |
| Jacket Color                                    | black                                 |
| Amount stranding                                | 1                                     |
| Stranding                                       | 5 wires around Filler twisted         |
| wire arrangement                                | white 1, white 2, white 3, white 4    |
| Cable weight                                    | 62,7 g/m                              |

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| Material jacket                                         | Radox EM 104                                         |
| Outer-diameter (jacket)                                 | 5,5 mm                                               |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                |
| Material wire insulation                                | Radox EI 303                                         |
| Amount wires                                            | 5                                                    |
| Outer diameter insulation                               | 1,42 mm                                              |
| Outer diameter tolerance core insulation                | ± 5 %                                                |
| Printing color of wire insulation                       | black (white isolation)                              |
| Printing spacing of wire insulation                     | 15 mm                                                |
| Amount strands (wire)                                   | 19                                                   |
| Diameter of single wires                                | 0,18 mm                                              |
| Conductor crosssection (wire)                           | 0,5 mm <sup>2</sup>                                  |
| Material conductor wire                                 | copper stranded wire, tinned                         |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                         | 6,8 A                                                |
| Electrical resistance line constant wire                | 40,1 Ω/km @ 20 °C                                    |
| Max. rated voltage power (conductor - ground)           | 600 V                                                |
| Max. rated voltage power (conductor - conductor)        | 1000 V                                               |
| Power frequency withstand voltage power (wire - jacket) | 3,5 kV                                               |
| AC withstand voltage power (wire - wire)                | 3,5 kV                                               |
| Min. operating temperature (static)                     | -50 °C                                               |
| Max. operating temperature (fixed)                      | 120 °C                                               |
| Operating temperature min. (dynamic)                    | -25 °C                                               |
| Operating temperature max. (dynamic)                    | 90 °C                                                |
| Flame resistance                                        | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2  |
| chemical resistance                                     | Good, application-related testing                    |
| Gasoline resistance                                     | Good, application-related testing                    |
| Oil resistance                                          | Good, application-related testing   DIN EN 60811-404 |
| Bending radius (fixed)                                  | 3 x Outer diameter                                   |
| Bending radius (dynamic)                                | 4 x Outer diameter                                   |