

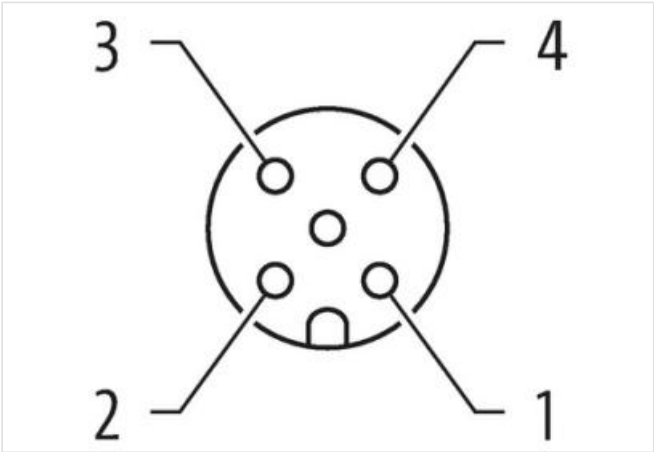
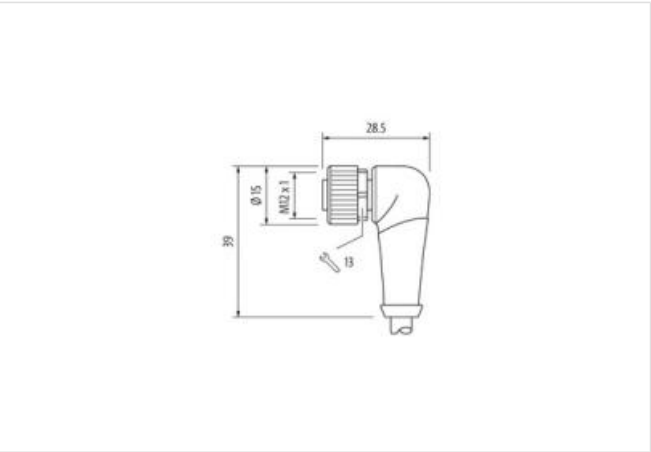
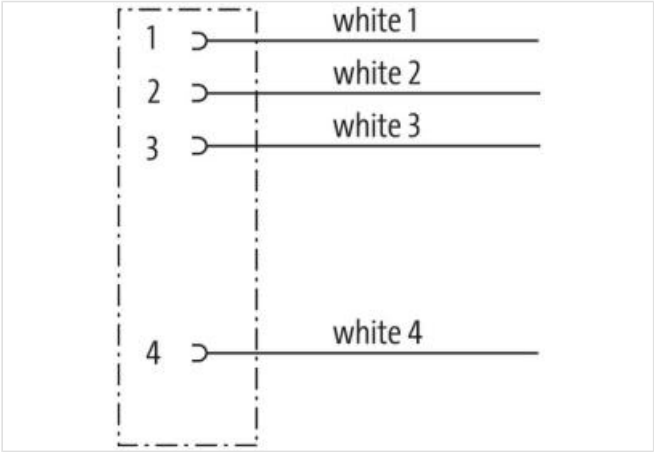
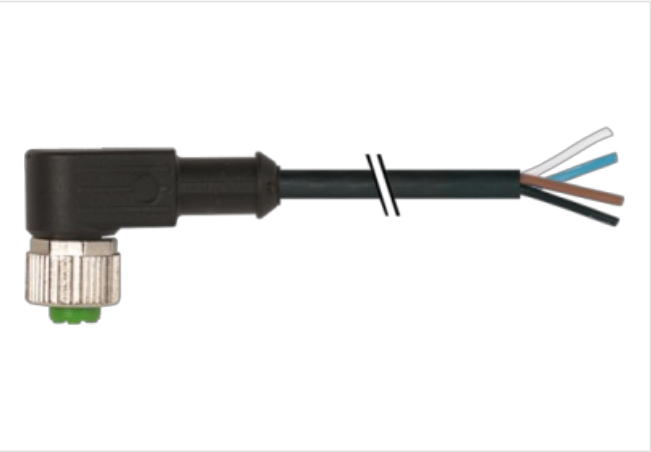
**M12 female 90° A-cod. with cable**

RADOX EM 104 4x0.5 bk 6m

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 til artikel](#)

Billede



Produktet kan afvige fra billedet

|                                           |                   |
|-------------------------------------------|-------------------|
| Cable length                              | 6 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                 |

Width across flats SW13

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Side 2</b>                                   |                                                                                                                                                       |
| Stripping length (jacket)                       | 40 mm                                                                                                                                                 |
| <b>Commercial data</b>                          |                                                                                                                                                       |
| ECLASS-6.0                                      | 27279218                                                                                                                                              |
| ECLASS-6.1                                      | 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                                            | 4065909054932                                                                                                                                         |
| Pakke-enhed                                     | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 250 V                                                                                                                                                 |
| Operating voltage DC max.                       | 250 V                                                                                                                                                 |
| Current operating per contact max.              | 4 A                                                                                                                                                   |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Stripping length (jacket)                       | 40 mm                                                                                                                                                 |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Pollution Degree                                | 3                                                                                                                                                     |
| Rated surge voltage                             | 2,5 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>Important installation notes</b>             |                                                                                                                                                       |
| Note on strain relief                           | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |
| Note on bending radius                          | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | DIN EN 61076-2-101 (M12)                                                                                                                              |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | R03                                                                                                                                                   |
| Printing color of wire insulation               | black (white isolation)                                                                                                                               |
| Printing spacing of wire insulation             | 15 mm                                                                                                                                                 |
| Jacket Color                                    | black                                                                                                                                                 |
| Amount stranding                                | 1                                                                                                                                                     |
| Stranding                                       | 4 wires twisted                                                                                                                                       |
| wire arrangement                                | white 1, white 2, white 3, white 4                                                                                                                    |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Cable weight                                      | 50,6 g/m                                             |
| Material jacket                                   | Radox EM 104                                         |
| Outer-diameter (jacket)                           | 5 mm                                                 |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | Radox EI 303                                         |
| Amount wires                                      | 4                                                    |
| 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                         |
| Max. rated voltage (conductor - conductor)        | 1000 V                                               |
| Max. rated voltage (conductor - ground)           | 600 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 7,2 A                                                |
| Electrical resistance line constant wire          | 40,1 Ω/km @ 20 °C                                    |
| AC withstand voltage (wire - wire)                | 3,5 kV                                               |
| Power frequency withstand voltage (wire - jacket) | 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 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance                               | Good, application-related testing                    |
| Gasoline resistance                               | Good, application-related testing                    |
| Oil resistance                                    | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                            | 3 x Outer diameter                                   |
| Bending radius (dynamic)                          | 4 x Outer diameter                                   |