

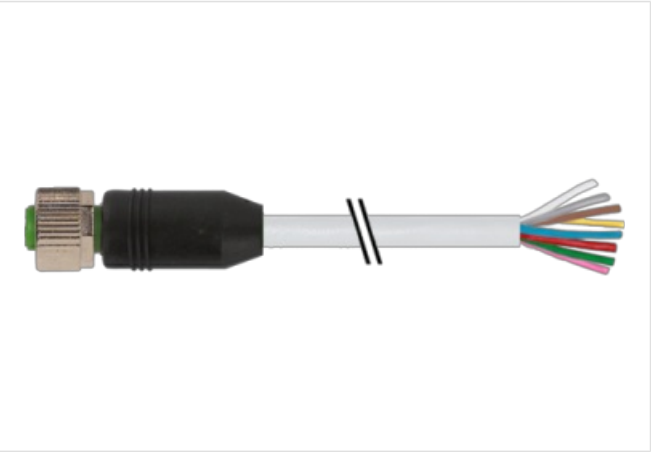
M12 female 0° A-cod. with cable

SABIX 8x0.25 gy 10m

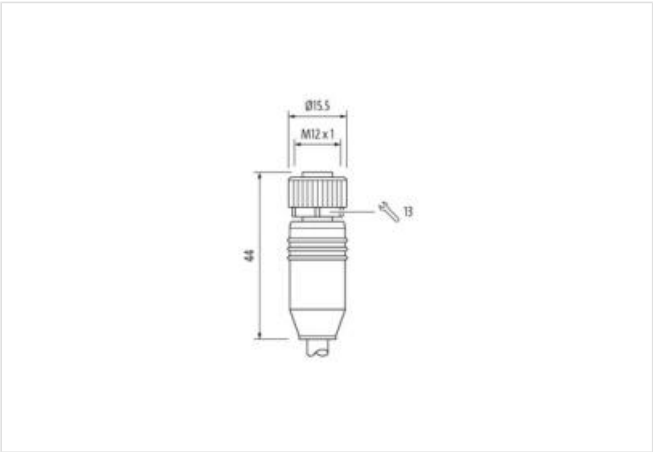
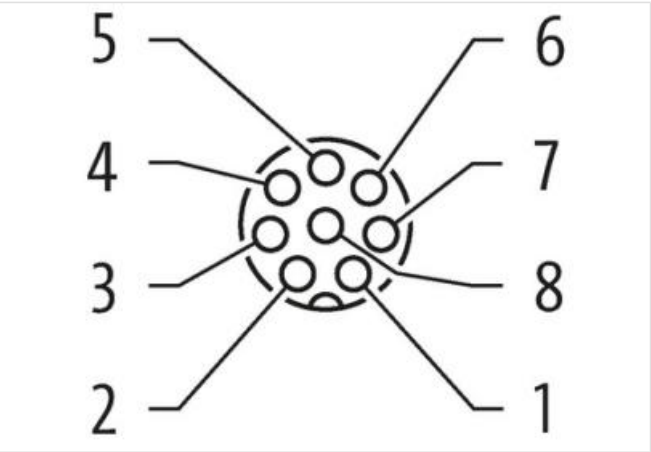
Female straight  
M12, 8-pole  
with cable sleeves  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Further cable lengths on request.

Link til artikel

Billede



|   |    |
|---|----|
| 1 | WH |
| 2 | BN |
| 3 | GN |
| 4 | YE |
| 5 | GY |
| 6 | PK |
| 7 | BU |
| 8 | RD |



Produktet kan afvige fra billedet

|                          |                   |
|--------------------------|-------------------|
| Cable length             | 10 m              |
| Side 1                   |                   |
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| Thread                   | M12 x 1           |
| Coding                   | A                 |
| No. of poles             | 8                 |

Width across flats SW13

**Side 2**

Stripping length (jacket) 60 mm

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27061801      |
| 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                  | 4048879694964 |
| Pakke-enhed           | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 30 V |
| Operating voltage DC max.          | 30 V |
| Current operating per contact max. | 2 A  |

**Installation | Connection**

Stripping length (jacket) 60 mm

**Device protection | Electrical**

|                              |        |
|------------------------------|--------|
| Pollution Degree             | 3      |
| Rated surge voltage          | 0,8 kV |
| Material group (IEC 60664-1) | I      |

**Mechanical data**

Contour for corrugated hose without

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Coating locking  | Nickeled         |
| Material housing | PUR              |
| Locking material | Zinc die-casting |

**Mechanical data | Mounting data**

Mounting method inserted, screwed, Shaking protection

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Conformity**

Product standard DIN EN 61076-2-101 (M12)

**Installation | Cable**

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Cable identification              | R42                                                |
| Jacket Color                      | gray                                               |
| Amount stranding                  | 1                                                  |
| Stranding                         | 8 wires around Filler twisted                      |
| Filler                            | yes                                                |
| wire arrangement                  | white, brown, red, blue, pink, gray, yellow, green |
| Cable weight                      | 47,3 g/m                                           |
| Material jacket                   | Sabix Spezial                                      |
| Freedom from ingredients (jacket) | lead-free, CFC-free                                |

|                                                   |                                                      |
|---------------------------------------------------|------------------------------------------------------|
| Outer-diameter (jacket)                           | 5,2 mm                                               |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                |
| Material wire insulation                          | Sabix Spezial                                        |
| Amount wires                                      | 8                                                    |
| Outer diameter insulation                         | 1,15 mm                                              |
| Outer diameter tolerance core insulation          | ± 5 %                                                |
| Ingredient freeness wire insulation               | lead-free, CFC-free                                  |
| Conductor crosssection (wire)                     | 0,25 mm <sup>2</sup>                                 |
| Material conductor wire                           | Stranded copper wire, bare                           |
| Max. rated voltage (conductor - conductor)        | 500 V                                                |
| Max. rated voltage (conductor - ground)           | 500 V                                                |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                    |
| Current load capacity min. wire                   | 3 A                                                  |
| Electrical resistance line constant wire          | 78 Ω/km @ 20 °C                                      |
| AC withstand voltage (wire - wire)                | 1,5 kV @ 60 s                                        |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s                                        |
| Min. operating temperature (static)               | -40 °C                                               |
| Max. operating temperature (fixed)                | 90 °C                                                |
| Operating temperature min. (dynamic)              | -30 °C                                               |
| Operating temperature max. (dynamic)              | 90 °C                                                |
| Flame resistance                                  | IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |
| 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)                            | 5 x Outer diameter                                   |
| Bending radius (dynamic)                          | 10 x Outer diameter                                  |