

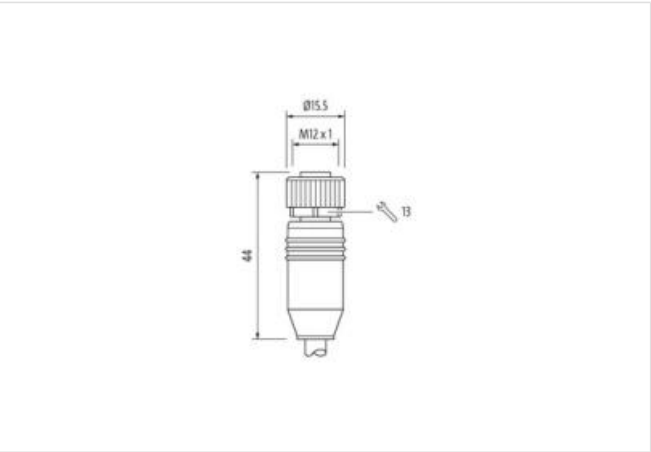
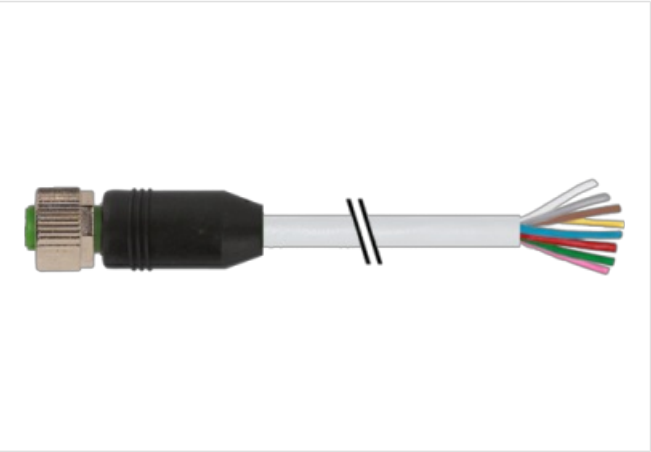
M12 female 0° A-cod. with cable

SABIX 8x0.25 gy 20m

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 to Product

Illustration



Product may differ from Image

| | |
|--------------------------|-------------------|
| Cable length | 20 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 | 4048879694971 |
| Packaging unit | 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 ² |
| 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 |