MURR ELEKTRONIK
stay connected

**M12 female 0° B-cod. with cable shielded**

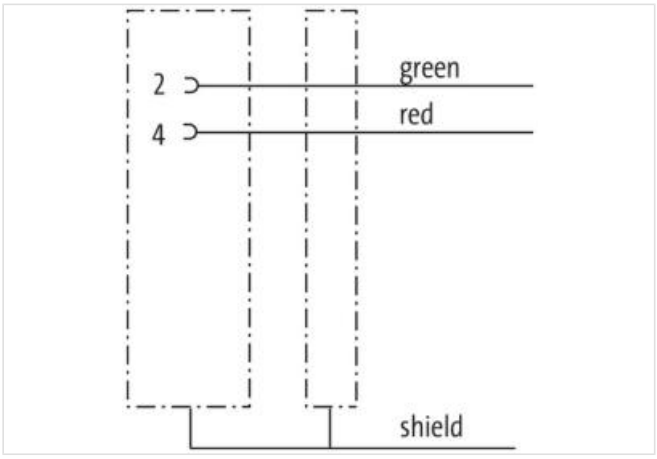
PUR 1x2xAWG23 shielded vt UL/CSA+robot 3m

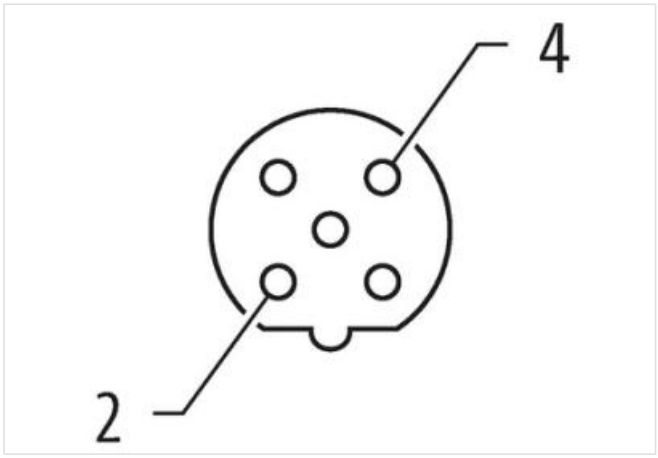
PROFIBUS
Female straight
M12, 2-pole
B-coded
shielded
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

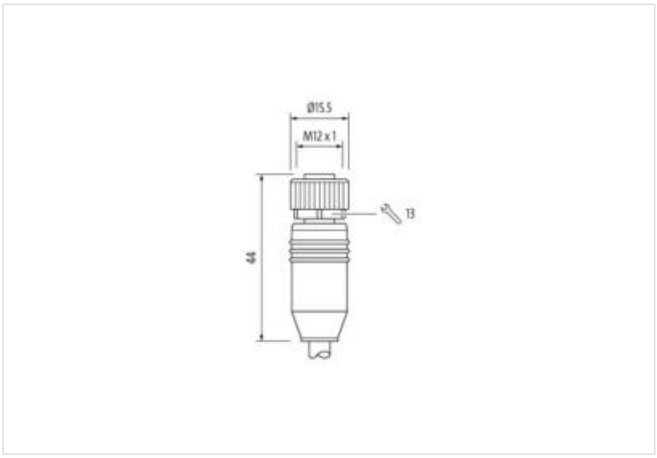
## Link to Product

### Illustration






Product may differ from Image

| | |
|---|---|
| Cable length | 3 m |

### Side 1

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| | |
|---|---|
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | B |
| Material | PUR |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| **Side 2** | |
| Stripping length (jacket) | 20 mm |
| **取引条件** | |
| ECLASS-6.0 | 27061801 |
| ECLASS-6.1 | 27060307 |
| ECLASS-7.0 | 27060307 |
| ECLASS-8.0 | 27060307 |
| ECLASS-9.0 | 27060307 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC001855 |
| GTIN | 4048879478380 |
| HSコード | 85444290 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| **Installation \| Connection** | |
| Stripping length (jacket) | 20 mm |
| Mounting set | M12 x 1 |
| **Device protection \| Electrical** | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |
| **Mechanical data \| Material data** | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Locking material | Zinc die-casting |
| Material screw connection | 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) |

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| Installation \| Cable | |
|---|---|
| Cable identification | 843 |
| Jacket Color | green |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires with 2 Filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| Filler | yes |
| Drain wire (cross-section) | 0,14 mm² |
| wire arrangement | brown, white, red, blue, pink, gray, yellow, green |
| Cable weigth | 79,2 g/m |
| Material jacket | PUR |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 8,1 mm |
| No. of bending cycles (C-track) | 2 Mio. @ 25 °C |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 2 |
| Outer diameter insulation | 2,6 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 55 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 23 AWG |
| Conductor crosssection (wire) | 23 AWG |
| Drain wire (cross-section) | 0,14 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Traversing distance (C-track) | 10 m @ 25 °C \| horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 3 A |
| Electrical resistance line constant wire | 59,4 Ω/km |
| Nominal voltage power AC max. | 300 V |
| AC withstand voltage power (wire - shield) | 0,8 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 1,2 kV @ 60 s |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -30 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | IEC 60332-2-2 \| UL 1581 § 1100 FT2 \| UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing \| DIN EN 60811-404 |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 7,5 x Outer diameter |

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