

**M12 male recept. B-cod. rear**

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 1.5m

Flange male

M12, 2-pole

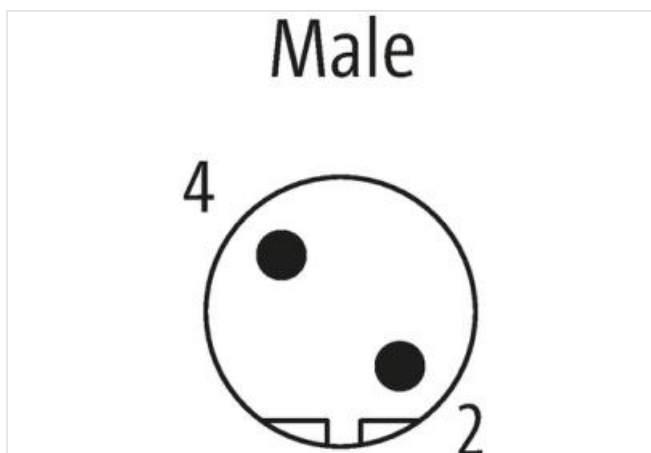
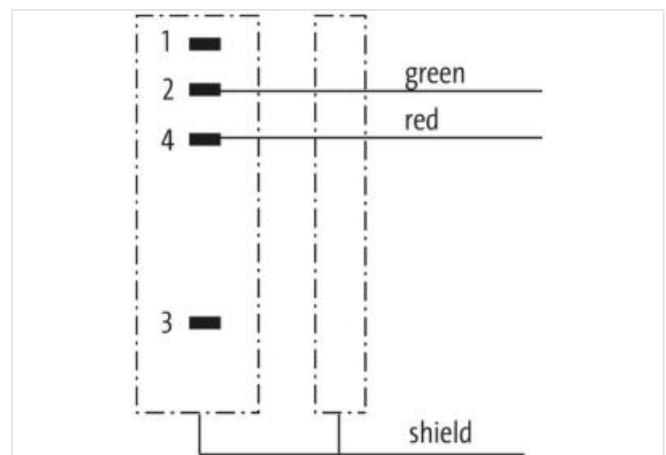
B-coded

shielded

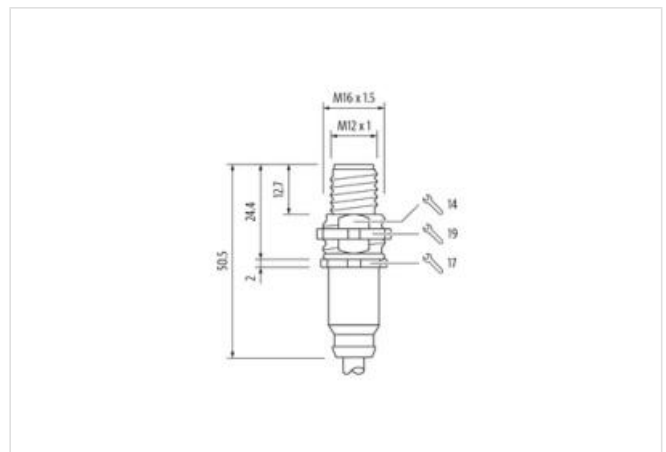
Rear mounting

Further cable lengths on request.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link til artikel](#)**Billede**

Produktet kan afvige fra billedet



Cable length 1,5 m

**Side 1**

Tightening torque 0,6 Nm

Oplysningerne i dette datablad er udarbejdet med størst mulig omhu.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 25.04.2024

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|                                     |                   |
|-------------------------------------|-------------------|
| Mounting method                     | inserted, screwed |
| Coating contact                     | gold plated       |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | B                 |
| Material contact                    | Copper alloy      |
| Material                            | Brass             |
| No. of poles                        | 4                 |
| Degree of protection (EN IEC 60529) | IP67              |

**Side 2**

|                           |       |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27279221      |
| ECLASS-6.1            | 27279220      |
| ECLASS-7.0            | 27440103      |
| ECLASS-8.0            | 27440103      |
| ECLASS-9.0            | 27440103      |
| ECLASS-10.1           | 27440103      |
| ECLASS-11.1           | 27440103      |
| ECLASS-12.0           | 27440103      |
| ETIM-5.0              | EC001855      |
| customs tariff number | 85444290      |
| GTIN                  | 4048879571258 |
| Pakke-enhed           | 1             |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 60 V |
| Operating voltage DC max.          | 60 V |
| Current operating per contact max. | 4 A  |

**Diagnostics**

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

**Installation | Connection**

|                           |           |
|---------------------------|-----------|
| Stripping length (jacket) | 20 mm     |
| Mounting set              | M16 x 1.5 |
| Width across flats        | SW19      |

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Protection NEMA                        | 3, 4, 6P          |
| 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           | nickel plated |
| Coating of fitting        | nickel plated |
| Locking material          | Brass         |
| Material screw connection | Brass         |

**Mechanical data | Mounting data**

|                    |                |
|--------------------|----------------|
| Mounting method    | Schraubgewinde |
| Looking techniques | Schraubgewinde |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C  |

Additional condition temperature range depending on cable quality

| Approvals                                               |                                                                |
|---------------------------------------------------------|----------------------------------------------------------------|
| UL 50E                                                  | yes                                                            |
| Installation   Cable                                    |                                                                |
| Cable identification                                    | 841                                                            |
| Jacket Color                                            | violet                                                         |
| 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                                                            |
| wire arrangement                                        | red, green                                                     |
| No. of bending cycles (C-track)                         | 5 Mio. @ 25 °C                                                 |
| Cable weight                                            | 70,4 g/m                                                       |
| Material jacket                                         | PUR                                                            |
| Shore hardness jacket                                   | 87 ± 3 Shore A                                                 |
| Freedom from ingredients (jacket)                       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                                 | 7,7 mm                                                         |
| Tolerance outer diameter (sheath)                       | ± 5 %                                                          |
| Amount wires                                            | 2                                                              |
| Outer diameter insulation                               | 2,55 mm                                                        |
| Outer diameter tolerance core insulation                | ± 5 %                                                          |
| Shore hardness wire insulation                          | 60 ± 3 Shore D                                                 |
| Ingredient freeness wire insulation                     | lead-free, cadmium-free, CFC-free, halogen-free                |
| Amount strands (wire)                                   | 19                                                             |
| Diameter of single wires                                | 24 AWG                                                         |
| Conductor crosssection (wire)                           | 24 AWG                                                         |
| Material conductor wire                                 | Stranded copper wire, bare                                     |
| Traversing distance (C-track)                           | 5 m @ 25 °C   horizontal                                       |
| Current load capacity (standard)                        | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                         | 4,5 A                                                          |
| Electrical resistance line constant wire                | 72,2 Ω/km @ 20 °C                                              |
| Nominal voltage power AC max.                           | 300 V                                                          |
| Electric capacitance (power)                            | 29000 pF/km                                                    |
| AC withstand voltage power (wire - shield)              | 2 kV @ 60 s                                                    |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s                                                    |
| AC withstand voltage power (wire - wire)                | 2 kV @ 60 s                                                    |
| Min. operating temperature (static)                     | -40 °C                                                         |
| Max. operating temperature (fixed)                      | 80 °C                                                          |
| Operating temperature min. (dynamic)                    | -20 °C                                                         |
| Operating temperature max. (dynamic)                    | 70 °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 (fixed)                                  | 7,5 x Outer diameter                                           |
| Bending radius (dynamic)                                | 12 x Outer diameter                                            |