

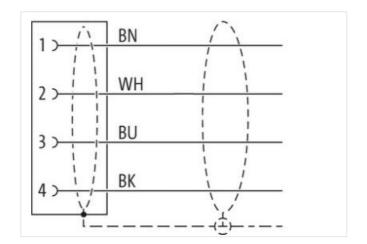
## M12 female recept. A-cod. shielded rear

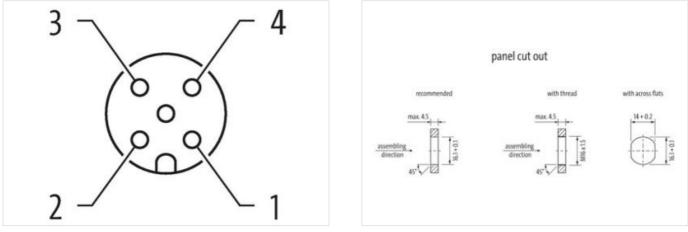
PVC 4x0.34 shielded bk UL/CSA 0.6m

Flange female M12, 4-pole 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 to Product







Product may differ from Image



| Side 1       Tightening torque     0,6 Nm | ble length 0,     | ,6 m  |
|---|-------------------|-------|
| Tightening torque 0,6 Nm                  | de 1              |       |
|   | ntening torque 0, | ,6 Nm |

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| Mounting method                                     | inserted, screwed |
|---|-------------------|
| Coating contact                                     | gold plated       |
| Family construction form                            | M12               |
| Thread  | M12 x 1           |
| Coding  | A                 |
| Material contact                                    | Copper alloy      |
| Material  | Brass             |
| No. of poles  | 4                 |
| Degree of protection (EN IEC 60529)                 | IP67              |
| Side 2  |                   |
| Stripping length (jacket)                           | 20 mm             |
| Coating contact                                     | gold plated       |
| Commercial data                                     |                   |
| ECLASS-6.0  | 07070000          |
| ECLASS-6.1  | 27279220 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  | 4048879520942     |
| Packaging unit                                      | 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<br>Material group (IEC 60664-1) | 1,5 kV            |
|   |                   |
| Mechanical data   Material data                     |                   |
| Coating locking                                     | nickel plated     |
| Coating of fitting                                  | nickel plated     |
| Material gasket                                     | FKM               |
| Locking material                                    | Brass             |
| Material screw connection                           | Brass             |
| Mechanical data   Mounting data                     |                   |
| Mounting method                                     | Schraubgewinde    |
| Looking techniques                                  | Schraubgewinde    |
| Environmental characteristics   Climati             | c                 |
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| Operating temperature min.                       | -25 °C  |
|--|---|
| Operating temperature max.                       | 85 °C   |
| Additional condition temperature range           | depending on cable quality  |
| Important installation notes                     |   |
| 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                           | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be<br>endangered by excessive bending forces. |
| Approvals  |   |
| JL 50E   | yes   |
| Installation   Cable                             | ·   |
| Cable identification                             | 179   |
| Jacket Color                                     |   |
| Type of Certificate                              | green<br>cURus  |
|  | 2   |
| Amount stranding                                 |   |
| Stranding  | 2 wires twisted   |
| Amount stranding (type 2)                        | 1<br>2 Strandad jointa with Filler twiatad  |
| Stranding (type 2)                               | 2 Stranded joints with Filler twisted   |
| Banding  | Fleece  |
| Filler   |   |
| vire arrangement                                 | brown, white, red, blue, pink, gray, yellow, green  |
| Cable weigth                                     | 60,5 g/m  |
| Material jacket                                  | PVC   |
| Shore hardness jacket                            | 92 ± 3 Shore A  |
| Freedom from ingredients (jacket)                | lead-free, cadmium-free, CFC-free   |
| Duter-diameter (jacket)                          | 6,1 mm  |
| Tolerance outer diameter (sheath)                | ±5%   |
| Material wire insulation                         | PP  |
| Amount wires                                     | 4   |
| Outer diameter insulation                        | 1,1 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)                            | 7   |
| Diameter of single wires                         | 24 AWG  |
| Conductor crosssection (wire)                    | 24 AWG  |
| Material conductor wire                          | copper stranded wire, tinned  |
| Nominal voltage AC max.                          | 300 V   |
| Current load capacity (standard)                 | to DIN VDE 0298-4   |
| Current load capacity min. wire                  | 3,6 A   |
| Characteristic impedance                         | 100 Ω   |
| Electrical resistance line constant wire         | 87 Ω/km @ 20 °C   |
| AC withstand voltage (wire - wire)               | 0,5 kV @ 60 s   |
| Electric capacitance                             | 49000 pF/km   |
| Power frequency withstand voltage (wire - acket) | 0,5 kV @ 60 s   |
| Min. operating temperature (static)              | -40 °C  |
| Max. operating temperature (fixed)               | 0° 08   |
| Operating temperature min. (dynamic)             | -5 °C   |
| Operating temperature max. (dynamic)             | 70 °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   |
| Dil resistance                                   | Good, application-related testing   DIN EN 60811-404  |
|  |   |

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Bending radius (fixed) Bending radius (dynamic) 7 x Outer diameter

12 x Outer diameter

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