

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

PVC 5x0.34 shielded gy UL/CSA 1.5m

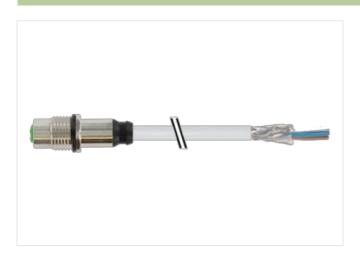
Flange female M12, 5-pole shielded Rear mounting

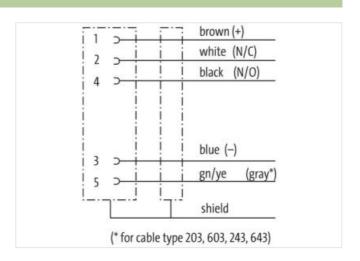
Further cable lengths on request.

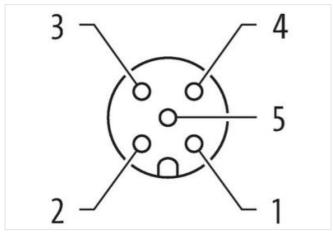
The resistance to aggressive media should be individually tested for your application. Further details on request.

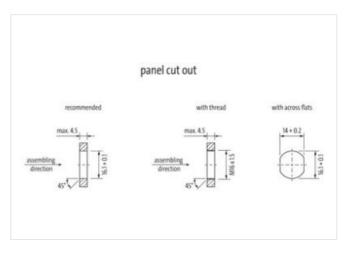
## **Link to Product**

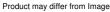
## Illustration





















Cable length

1,5 m

Side 1

Tightening torque 0,6 Nm



stay connected

| 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                                      | 5                                     |
| Degree of protection (EN IEC 60529)               | IP67                                  |
| Side 2  |                                       |
| Stripping length (jacket)                         | 20 mm                                 |
| Coating contact                                   | gold plated                           |
| Commercial data                                   |                                       |
|   | 07070000                              |
| ECLASS-6.0  | 27279220                              |
| ECLASS-6.1<br>ECLASS-7.0                          | 27279220<br>27440103                  |
| ECLASS-7.0<br>ECLASS-8.0                          | 27440103<br>27440103                  |
| ECLASS-9.0  | 27440103<br>27440103                  |
| ECLASS-9.0<br>ECLASS-10.1                         | 27440103                              |
| ECLASS-10.1                                       | 27440103                              |
| ECLASS-11.1                                       | 27440103                              |
| ETIM-5.0  | EC001855                              |
| customs tariff number                             | 85444290                              |
| GTIN  | 4048879529174                         |
| 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                    |                                       |
|   | 0.4.00                                |
| Protection NEMA                                   | 3, 4, 6P                              |
| Additional condition protection degree            | inserted, screwed                     |
| Pollution Degree                                  | 3<br>15 bV                            |
| Rated surge voltage  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   Climatic          | c                                     |
|   |                                       |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



stay connected

| 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                           | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Approvals  |   |
| UL 50E   | yes   |
| Installation   Cable                             |   |
| Cable identification                             | 202   |
| Cable Type                                       | 1   |
| Jacket Color                                     | gray  |
| Type of Certificate                              | cURus   |
| Amount stranding                                 | 1   |
| Stranding  | 5 wires around Core filler twisted  |
| Cable shielding (type)                           | copper braid, tinned  |
| Cable shielding (coverage)                       | 80 %  |
| Banding  | Fleece, Foil  |
| Filler   | yes   |
| wire arrangement                                 | brown, black, blue, white, green-yellow   |
| Cable weigth                                     | 68,2 g/m  |
| Material jacket                                  | PVC   |
| Shore hardness jacket                            | 85 ± 5 Shore A  |
| Freedom from ingredients (jacket)                | lead-free, cadmium-free, CFC-free, silicone-free  |
| Outer-diameter (jacket)                          | 5,6 mm  |
| Tolerance outer diameter (sheath)                | ±5%   |
| Material wire insulation                         | PVC   |
| Amount wires                                     | 5   |
| Outer diameter insulation                        | 1,25 mm   |
| Outer diameter tolerance core insulation         | ±5%   |
| Shore hardness wire insulation                   | 45 ± 5 Shore D  |
| Material properties wire insulation              | good machinability  |
| Ingredient freeness wire insulation              | lead-free, cadmium-free, CFC-free, silicone-free  |
| Amount strands (wire)                            | 19  |
| Diameter of single wires                         | 0,15 mm   |
| Conductor crosssection (wire)                    | 0,34 mm <sup>2</sup>  |
| Material conductor wire                          | Stranded copper wire, bare  |
| Conductor type (wire)                            | Strand class 5  |
| Nominal voltage AC max.                          | 300 V   |
| Current load capacity (standard)                 | to DIN VDE 0298-4   |
| Current load capacity min. wire                  | 4,5 A   |
| Electrical resistance line constant wire         | 57 Ω/km @ 20 °C   |
| AC withstand voltage (wire - wire)               | 2 kV @ 60 s   |
| Power frequency withstand voltage (wire - acket) | 2 kV @ 60 s   |
| AC withstand voltage (wire - shield)             | 2 kV @ 60 s   |
| Min. operating temperature (static)              | -30 °C  |
| Max. operating temperature (fixed)               | 80 °C   |
| Operating temperature min. (dynamic)             | -5 °C   |
| Operating temperature max. (dynamic)             | 80 °C   |
| Flame resistance                                 | UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2   |
| chemical resistance                              | Good, application-related testing   |
| Gasoline resistance                              | Good, application-related testing   |

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Oil resistance

Good, application-related testing | DIN EN 60811-404

Bending radius (fixed)

10 x Outer diameter