

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

PVC 5x0.34 shielded bk UL/CSA 3m

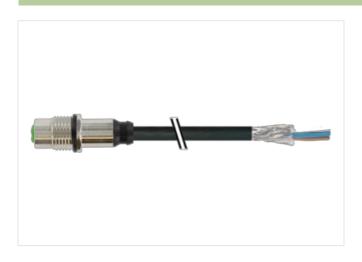
Flange female M12, 5-pole shielded Rear mounting

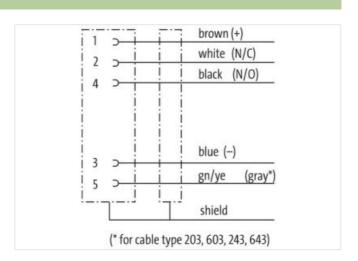
Further cable lengths on request.

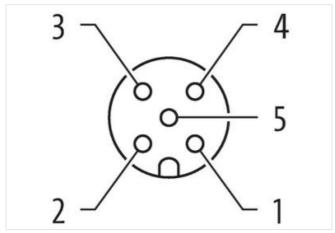
The resistance to aggressive media should be individually tested for your application. Further details on request.

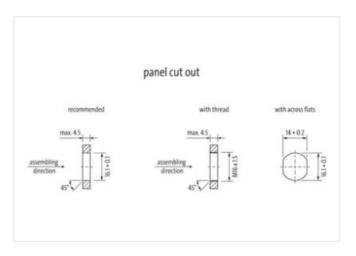
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

3 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                          |                   |
| ECLASS-6.0                               | 27279220          |
| ECLASS-6.1                               | 27279220          |
| ECLASS-7.0                               | 27440103          |
| ECLASS-7.0<br>ECLASS-8.0                 | 27440103          |
| ECLASS-9.0                               | 27440103          |
| ECLASS-9.0<br>ECLASS-10.1                | 27440103          |
| ECLASS-11.1                              | 27440103          |
| ECLASS-11.1<br>ECLASS-12.0               | 27440103          |
| ETIM-5.0                                 | EC001855          |
| customs tariff number                    | 85444290          |
| GTIN                                     | 4048879529396     |
| 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                      | 1,5 kV            |
| Material group (IEC 60664-1)             | I                 |
| 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 |                   |



stay connected

| Operating temperature max.  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 Attention: Observe the permissible bending radii when laying cables, as the IP protection endangered by excessive bending forces.  Approvals  UL 50E yes   |                |
|---|----------------|
| Important installation notes  Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of Note on bending radius  Attention: Observe the permissible bending radii when laying cables, as the IP protection endangered by excessive bending forces.  Approvals   |                |
| Note on strain relief  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of the connector |                |
| Attention: Observe the permissible bending radii when laying cables, as the IP protection endangered by excessive bending forces.  Approvals  |                |
| endangered by excessive bending forces.  Approvals  | f cable ties.  |
|   | n class can be |
| UL 50E yes  |                |
| ·   |                |
| Installation   Cable  |                |
| Cable identification 602  |                |
| Cable Type 1  |                |
| Jacket Color black  |                |
| 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  |                |
| vire arrangement brown, black, blue, white, green-yellow  |                |
| Cable weigth 68,2 g/m   |                |
| Material jacket PVC   |                |
| Chore hardness jacket 85 ± 5 Shore A  |                |
| Freedom from ingredients (jacket)  lead-free, cadmium-free, CFC-free, silicone-free   |                |
| Duter-diameter (jacket) 5,6 mm  |                |
| Folerance outer diameter (sheath) ± 5 %   |                |
| Material wire insulation PVC  |                |
| Amount wires 5  |                |
| Outer diameter insulation 1,25 mm   |                |
|   |                |
|   |                |
| Shore hardness wire insulation 45 ± 5 Shore D  Material properties wire insulation good machinability   |                |
|   |                |
| <u> </u>  |                |
| Amount strands (wire) 19 Diameter of single wires 0,15 mm   |                |
| Diameter of single wires 0,15 mm  Conductor crosssection (wire) 0,34 mm <sup>2</sup>  |                |
|   |                |
|   |                |
| 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   |                |
| 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 - 2 kV @ 60 s   |                |
| C 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  |                |
| JV resistance DIN EN ISO 4892-2 A   |                |
| Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  |                |
| chemical resistance Good, application-related testing   |                |

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: 2024-05-14



| Gasoline resistance    | Good, application-related testing                    |
|------------------------|--|
| Oil resistance         | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed) | 10 x Outer diameter                                  |