

## M12 female 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA 9m

Female 90° M12, 5-pole shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

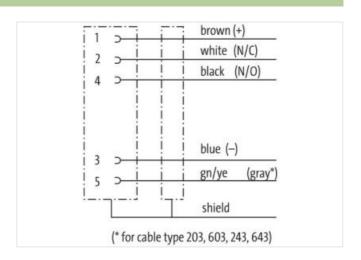
The resistance to aggressive media should be individually tested for your application. Further details on request.

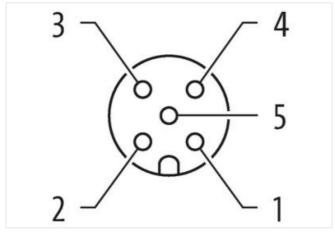
Further cable lengths on request.

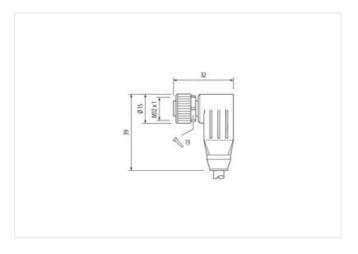
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

9 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-20



Mounting method inserted, screwed Coating contact gold plated Family construction form M12 M12 x 1 Thread Coding Α Material contact Copper alloy Material PUR No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879379113 Packaging unit 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                                   |
| Diagnostics                              |                                       |
| Status indication LED                    | no                                    |
| 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)             | ı                                     |
| Mechanical data                          |                                       |
| Contour for corrugated hose              | without                               |
| Mechanical data   Material data          |                                       |
| Coating locking                          | Nickeled                              |
| Coating of fitting                       | nickel plated                         |
| Material gasket                          | FKM                                   |
| 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)                             |
| Installation   Cable                   |                                                      |
| Cable identification                   | 949                                                  |
| Cable shielding (type)                 | copper braiding, bare                                |
| wire arrangement                       | brown, black, blue, white                            |
| No. of bending cycles (C-track)        | 2,5 Mio.                                             |
| Material jacket                        | PUR                                                  |
| Outer-diameter (jacket)                | 6,5 mm                                               |
| Tolerance outer diameter (sheath)      | ±5%                                                  |
| Material wire insulation               | PP                                                   |
| Amount wires                           | 5                                                    |
| Conductor crosssection (wire)          | 0,34 mm²                                             |
| Min. operating temperature (static)    | -40 °C                                               |
| Max. operating temperature (fixed)     | 80 °C                                                |
| Operating temperature min. (dynamic)   | -20 °C                                               |
| Operating temperature max. (dynamic)   | 80 °C                                                |
| Flame resistance                       | UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  |
| chemical resistance                    | Good, application-related testing                    |
| Gasoline resistance                    | Good, application-related testing                    |
| Oil resistance                         | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                 | 5 x Outer diameter                                   |
| Bending radius (dynamic)               | 10 x Outer diameter                                  |