

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

|                                     |                   |
|-------------------------------------|-------------------|
| Mounting method                     | inserted, screwed |
| Coating contact                     | gold plated       |
| Family construction form            | M12               |
| Thread                              | M12 x 1           |
| Coding                              | A                 |
| 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        | 1             |

**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)           | I                 |

**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                           |
| <b>Conformity</b>                      |  |
| Product standard                       | DIN EN 61076-2-101 (M12)                             |
| <b>Installation   Cable</b>            |  |
| Cable identification                   | 949  |
| Cable shielding (type)                 | copper braiding, bare                                |
| wire arrangement                       | brown, black, blue, white                            |
| 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 mm <sup>2</sup>                                 |
| Travel speed (C-track)                 | 2,5 Mio.   |
| 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                                  |