

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

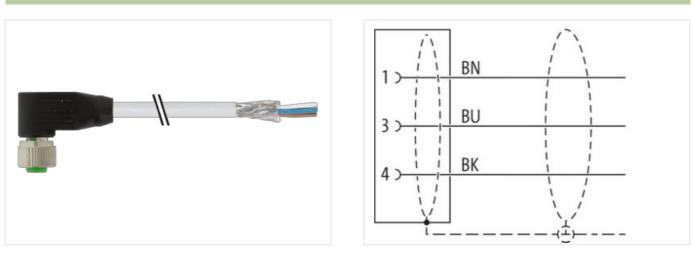
PUR 3x0.34 shielded gy 30m

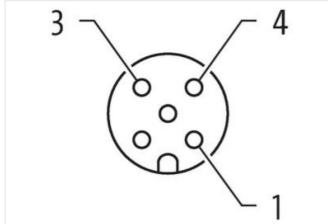
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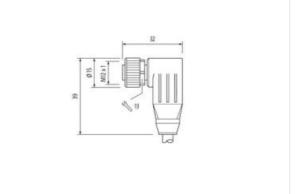
M12, 3-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

## Illustration







Product may differ from Image



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: 2024-05-18

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| Cable length                             | 30 m  |
|--|---|
| Side 1                                   |   |
| Tightening torque                        | 0,6 Nm  |
| Mounting method                          | inserted, screwed   |
| Family construction form                 | M12   |
| Thread                                   | M12 x 1   |
| Coding                                   | A   |
| Material                                 | PUR   |
| Width across flats                       | SW13  |
| Degree of protection (EN IEC 60529)      | IP65, IP66K, IP67   |
| Side 2                                   |   |
| Stripping length (jacket)                | 20 mm   |
| Commercial data                          |   |
| ECLASS-6.0                               | 27279218  |
| ECLASS-6.1                               | 27279218  |
| ECLASS-7.0                               | 27279218  |
| ECLASS-8.0                               | 27279218  |
| ECLASS-9.0                               | 27060311  |
| ECLASS-10.1                              | 27060311  |
| ECLASS-11.1                              | 27060311  |
| ECLASS-12.0                              | 27060311  |
| ETIM-5.0                                 | EC001855  |
| customs tariff number                    | 85444290  |
| GTIN                                     | 4048879438612   |
| 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   |
| 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)             | 1   |
| Mechanical data   Material data          |   |
| Coating locking                          | Nickeled  |
| Coating of fitting                       | nickel plated   |
| 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  |
| Important installation notes             |   |
| Note on strain relief                    | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
|  |   |

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Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 318 Jacket Color gray Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement brown, blue, black Material jacket PUR Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm<sup>2</sup> Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A 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 Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter

Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

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