

**M12 female 90° A-cod. Push-Lock**5-pol., 0,14 - 0,75mm<sup>2</sup>, 4 - 8mm

Female 90°

M12, 5-pole

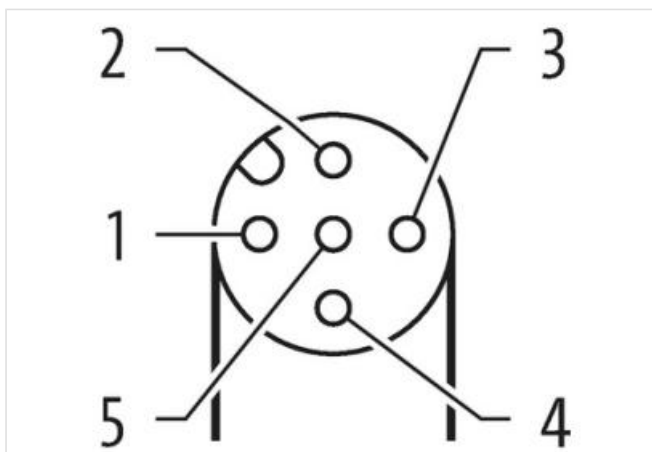
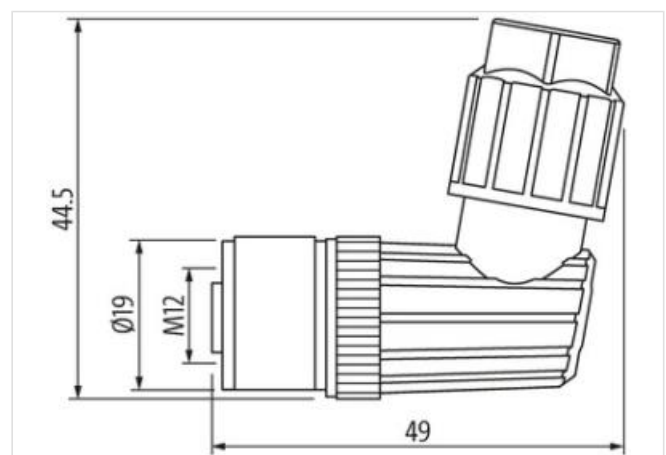
A-coded

Push-Lock spring clamp connection

Sealing range (cable Ø): 4...8 mm

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.

**[Link to Product](#)****Illustration**

Product may differ from Image

**Side 1**

|                          |                   |
|--------------------------|-------------------|
| Tightening torque        | 0,4 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |

|  |                                   |
|--|-----------------------------------|
| Thread   | M12 x 1                           |
| Coding   | A                                 |
| Material contact   | Bronze                            |
| No. of poles   | 5                                 |
| Degree of protection (EN IEC 60529)                        | IP65, IP67                        |
| <b>Commercial data</b>                                     |                                   |
| ECLASS-6.0   | 27279221                          |
| ECLASS-7.0   | 27440104                          |
| ECLASS-8.0   | 27440104                          |
| ECLASS-9.0   | 27440102                          |
| ETIM-5.0   | EC002635                          |
| customs tariff number                                      | 85366990                          |
| GTIN   | 4065909028940                     |
| Packaging unit   | 1                                 |
| <b>Electrical data   Supply</b>                            |                                   |
| Operating voltage AC                                       | 48 V                              |
| Operating voltage DC                                       | 60 V                              |
| Operating voltage AC max. (UL-listed)                      | 250 V                             |
| Current operating per contact (UL)                         | 4 A                               |
| Operating current per contact max. (40°C)                  | 4 A                               |
| <b>Diagnostics</b>   |                                   |
| Status indication LED                                      | no                                |
| <b>Installation</b>  |                                   |
| Cross section connection with wire end ferrule min.        | 0,08 mm²                          |
| Cross section connection with wire end ferrule max.        | 0,5 mm²                           |
| Cross section connection without wire end ferrule min.     | 0,14 mm²                          |
| Cross section connection without wire end ferrule max.     | 0,75 mm²                          |
| Cross section connection with wire end ferrule AWG min.    | 28 AWG                            |
| Cross section connection with wire end ferrule AWG max.    | 20 AWG                            |
| Cross section connection without wire end ferrule AWG min. | 26 AWG                            |
| Cross section connection without wire end ferrule AWG max. | 18 AWG                            |
| <b>Installation   Connection</b>                           |                                   |
| Connection information                                     | Push-Lock spring clamp connection |
| Width across flats   | SW18                              |
| Mating cycles min.   | 100                               |
| <b>Installation   Pin assignment</b>                       |                                   |
| Coding   | A                                 |
| <b>Device protection   Electrical</b>                      |                                   |
| Additional condition protection degree                     | inserted, screwed                 |
| Pollution Degree   | 3                                 |
| Insulation resistance min.                                 | 100 MΩ                            |
| Overvoltage category (EN 60950-1)                          | II                                |
| <b>Mechanical data   Material data</b>                     |                                   |
| Coating contact  | gold plated                       |
| Combustibility class (UL94)                                | V-0                               |

|   |   |
|---|---|
| Material gasket                                 | NBR   |
| Material housing                                | PA  |
| <b>Mechanical data   Mounting data</b>          |   |
| Mounting method                                 | inserted, screwed, Shaking protection   |
| Clamping range min.                             | 4 mm  |
| Clamping range max.                             | 8 mm  |
| <b>Environmental characteristics   Climatic</b> |   |
| Operating temperature min.                      | -40 °C  |
| Operating temperature max.                      | 85 °C   |
| <b>Important installation notes</b>             |   |
| 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. |
| <b>Conformity</b>                               |   |
| Product standard                                | DIN EN 61076-2-101 (M12)  |