

## M12 male 90° A-cod. screw terminal

5-pol., max. 0,75mm<sup>2</sup> 6 - 8mm

Male 90° M12, 5-pole Screw terminals

Sealing range (cable Ø): 6...8 mm

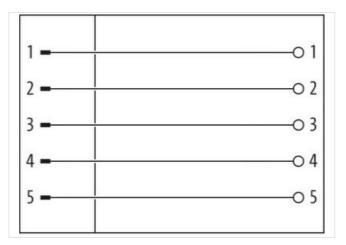
Plastic housings with good resistance against chemicals and oils.

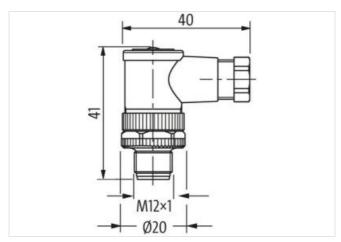
The resistance to aggressive media should be individually tested for your application. Further details on request.

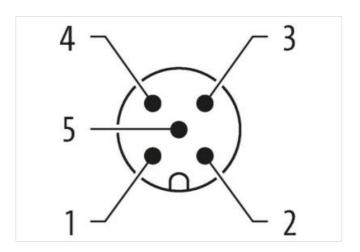
## **Link to Product**

## Illustration









Product may differ from Image



| Side 1                              |          |
|-------------------------------------|----------|
| Family construction form            | M12      |
| Degree of protection (EN IEC 60529) | IP67     |
| Commercial data                     |          |
| ECLASS-6.0                          | 27279221 |

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: 2024-05-05



| ECLASS-6.1                                | 27260702  |  |
|---|---|--|
| ECLASS-7.0                                | 27440102  |  |
| ECLASS-8.0                                | 27440102  |  |
| ECLASS-9.0                                | 27440116  |  |
| ECLASS-10.1                               | 27440102  |  |
| ECLASS-11.1                               | 27440102  |  |
| ECLASS-12.0                               | 27440116  |  |
| ETIM-5.0                                  | EC002635  |  |
| customs tariff number                     | 85366990  |  |
| GTIN                                      | 4048879201575   |  |
| Packaging unit                            | 1   |  |
| Electrical data   Supply                  |   |  |
| Operating voltage AC max.                 | 60 V  |  |
| Operating voltage DC max.                 | 60 V  |  |
| Operating voltage AC max. (UL-listed)     | 125 V   |  |
| Operating voltage DC max. (UL-listed)     | 125 V   |  |
| Current operating per contact max.        | 4 A   |  |
| Current operating per contact max. (URc.) | 3 A   |  |
| Installation                              |   |  |
| Connection cross section max.             | 0,75 mm²  |  |
| Installation   Connection                 |   |  |
| Tightening torque                         | 0,6 Nm  |  |
| Width across flats                        | SW18  |  |
| Device protection   Electrical            |   |  |
| Additional condition protection degree    | inserted, screwed   |  |
| Pollution Degree                          | 3   |  |
| Rated surge voltage                       | 1,5 kV  |  |
| Overvoltage category (EN 60664-1)         | III   |  |
| Overvoltage category (EN 60950-1)         | II  |  |
| Mechanical data   Material data           |   |  |
| Material housing                          | PA  |  |
| Mechanical data   Mounting data           |   |  |
| Mounting method                           | inserted, screwed, Shaking protection   |  |
| Clamping range min.                       | 6 mm  |  |
| Clamping range max.                       | 8 mm  |  |
| Height                                    | 41 mm   |  |
| Width                                     | 40 mm   |  |
| Depth                                     | 20 mm   |  |
| Environmental characteristics   Climatic  |   |  |
| Operating temperature min.                | -40 °C  |  |
| Operating temperature max.                | 85 °C   |  |
| Important installation notes              |   |  |
| 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. |  |