

**M12 male 90° A-cod. screw terminal**5-pol., max. 0,75mm<sup>2</sup> 6 - 8mm

Male 90°

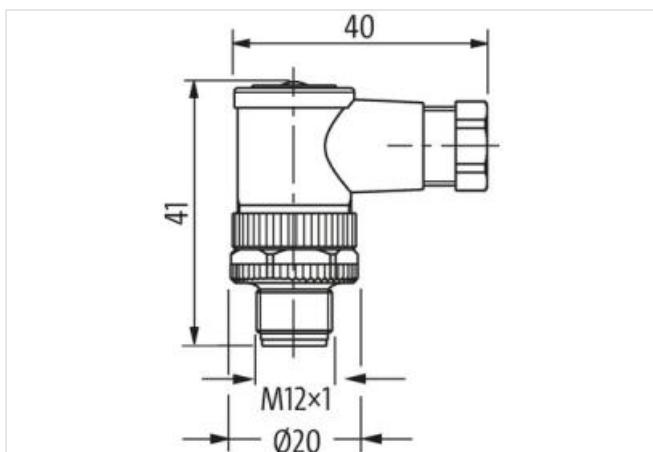
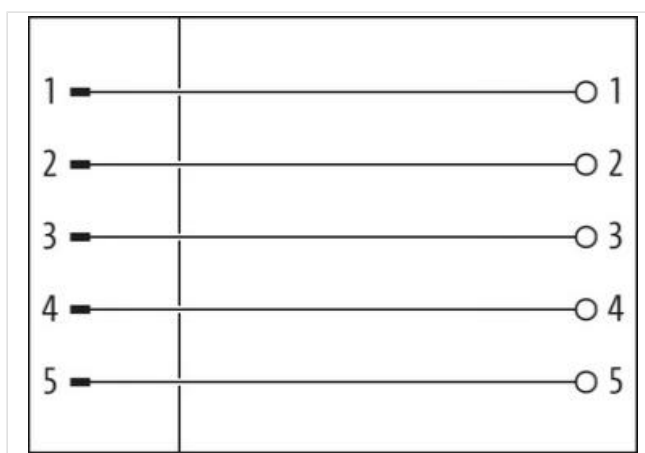
M12, 5-pole

Screw terminals

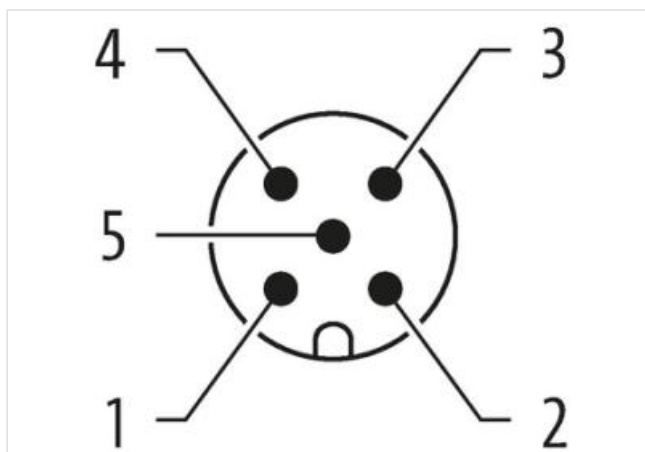
Sealing range (cable Ø): 6...8 mm

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 a termékhez](#)****Ábrák**

Szimbolikus ábra

**Side 1**

|                          |                   |
|--------------------------|-------------------|
| Tightening torque        | 0,6 Nm            |
| Mounting method          | inserted, screwed |
| Family construction form | M12               |
| Thread                   | M12 x 1           |

|                                     |      |
|-------------------------------------|------|
| Gender                              | male |
| Coding                              | A    |
| No. of poles                        | 5    |
| Width across flats                  | SW18 |
| Degree of protection (EN IEC 60529) | IP67 |

**Side 2**

|                 |                |
|-----------------|----------------|
| Mounting method | field-wireable |
|-----------------|----------------|

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27279221      |
| 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   |

**Diagnostics**

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

**Installation**

|                               |                           |
|-------------------------------|---------------------------|
| Connection cross section max. | 0,75 mm <sup>2</sup>      |
| Rotation option               | 90° (4 outlet directions) |

**Installation | Connection**

|                    |        |
|--------------------|--------|
| Tightening torque  | 0,6 Nm |
| Width across flats | SW18   |

**Device protection**

|          |    |
|----------|----|
| Shielded | no |
|----------|----|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 1,5 kV            |
| Material group (IEC 60664-1)           | III               |
| 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. |