

**M12 male receptacle 0° A-cod. rear**

3-pol., PCB pin

PCB connectors

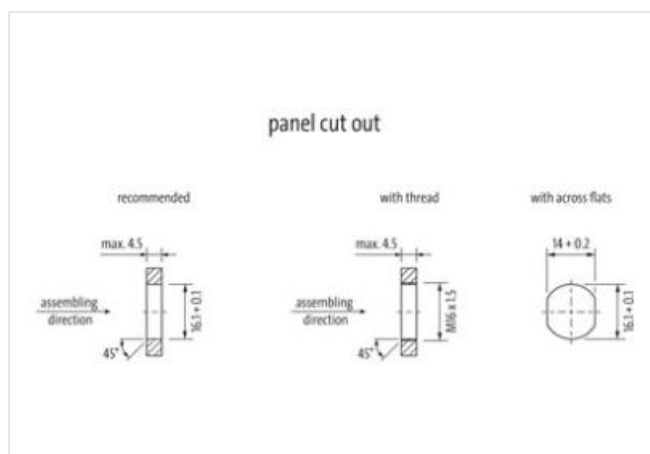
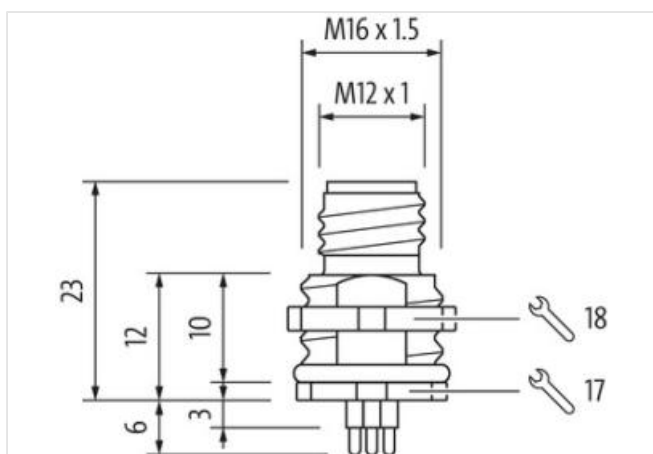
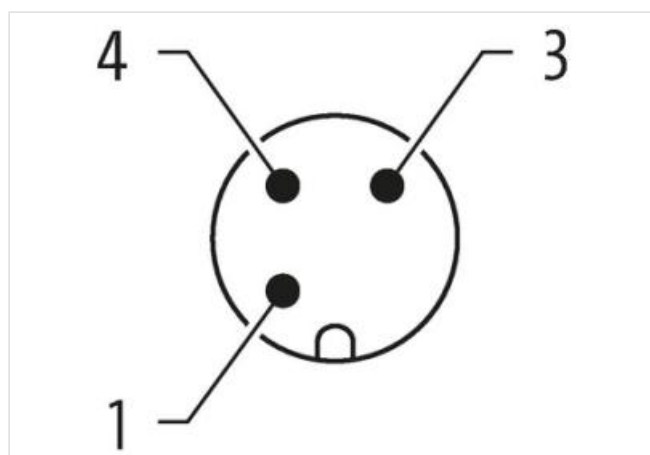
M12, 3-pole

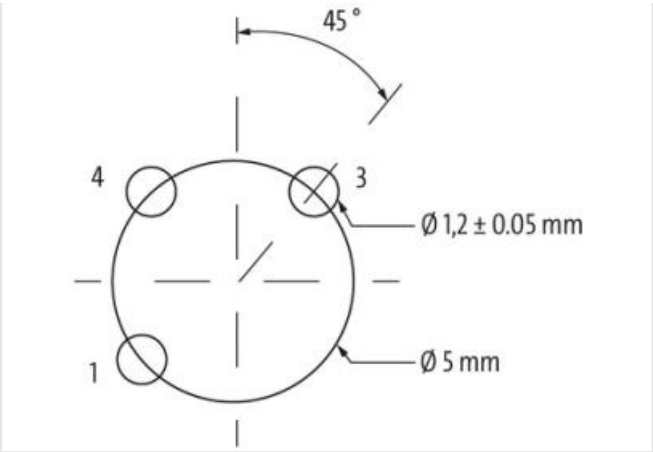
Male straight

A-coded

THT-solder connection

Rear mounting

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



Product may differ from Image



| Side 1                                 |                       |
|--|-----------------------|
| Coating contact                        | gold plated           |
| Family construction form               | M12                   |
| Coding                                 | A                     |
| Material contact                       | Copper alloy          |
| No. of poles                           | 3                     |
| Commercial data                        |                       |
| ECLASS-6.0                             | 27279220              |
| ECLASS-6.1                             | 27279220              |
| ECLASS-7.0                             | 27440103              |
| ECLASS-8.0                             | 27440103              |
| ECLASS-9.0                             | 27440109              |
| ECLASS-10.1                            | 27440109              |
| ECLASS-11.1                            | 27440109              |
| ECLASS-12.0                            | 27440109              |
| ETIM-5.0                               | EC001855              |
| customs tariff number                  | 85366990              |
| GTIN                                   | 4048879914857         |
| Packaging unit                         | 10                    |
| Electrical data   Supply               |                       |
| Operating voltage AC                   | 250 V                 |
| Operating voltage DC                   | 250 V                 |
| Current operating per contact max.     | 4 A                   |
| Installation   Connection              |                       |
| Connection information                 | THT-solder connection |
| Tightening torque                      | 0,6 Nm                |
| Mounting set                           | M12 x 1               |
| Width across flats                     | SW17                  |
| Device protection   Electrical         |                       |
| Degree of protection (EN IEC 60529)    | IP67                  |
| Additional condition protection degree | inserted, screwed     |
| Pollution Degree                       | 3                     |

Insulation resistance min. 100 MΩ

**Mechanical data | Material data**

|                          |               |
|--------------------------|---------------|
| Coating locking          | nickel plated |
| Material housing         | Copper alloy  |
| Material contact carrier | PA66          |
| Locking material         | Copper alloy  |

**Mechanical data | Mounting data**

|                 |                                       |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

**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. |