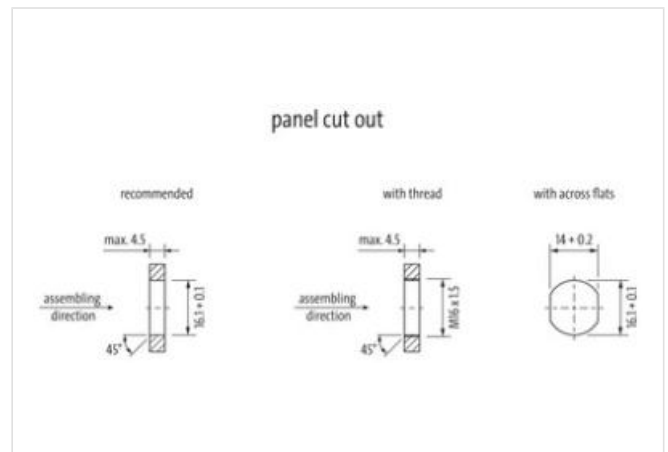
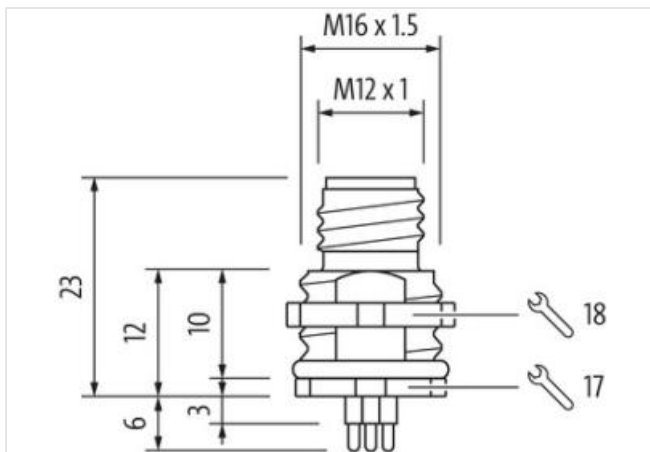
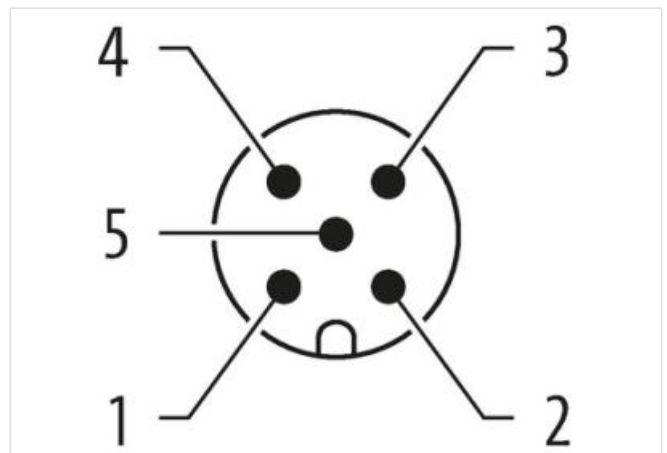
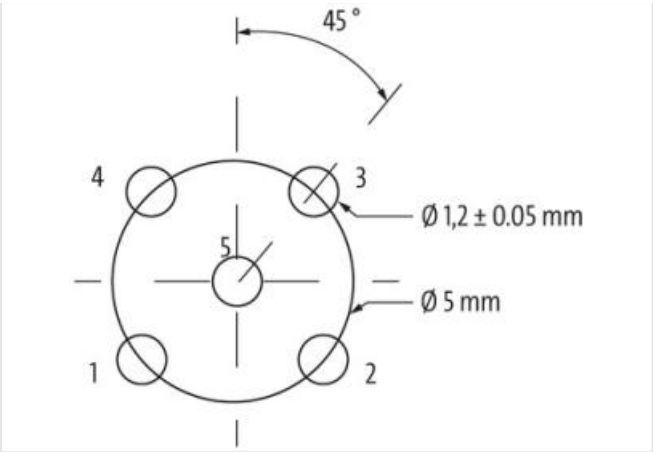


M12 male receptacle 0° A-cod. rear

5-pol., PCB pin

PCB connectors
Male straight
M12, 5-pole
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 | 5 |
| 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 | 4048879914871 |
| Packaging unit | 10 |
| Electrical data Supply | |
| Operating voltage AC | 60 V |
| Operating voltage DC | 60 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 | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |