

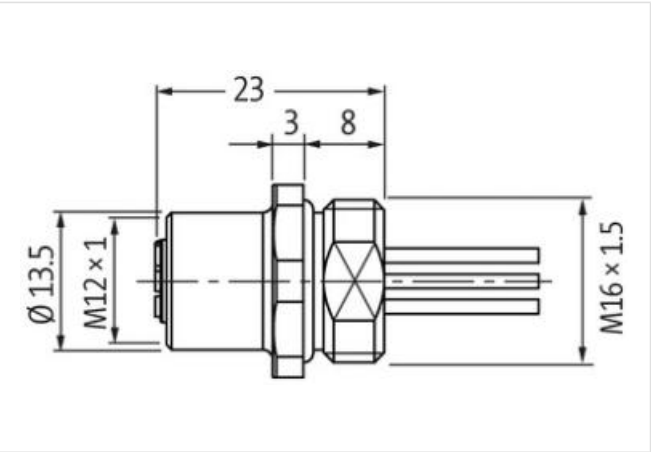
M12 female recept. A-cod. front F&B

PP-wires 4x0.34 1m

F&B
Flange female
M12, 4-pole
Front mounting
with multi-strand wire
Stainless steel 1.4404 (V4A)

Link to Product

Illustration



Product may differ from Image



Cable length 1 m

Side 1

Tightening torque 0,6 Nm

| | |
|-------------------------------------|--------------|
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 4 |
| Degree of protection (EN IEC 60529) | IP67, IP69K |

Side 2

| | |
|-----------------|-------------|
| Coating contact | gold plated |
|-----------------|-------------|

Commercial data

| | |
|-----------------------|---------------|
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279220 |
| ECLASS-7.0 | 27440103 |
| ECLASS-8.0 | 27440103 |
| ECLASS-9.0 | 27440103 |
| ECLASS-10.1 | 27440103 |
| ECLASS-11.1 | 27440103 |
| ECLASS-12.0 | 27440103 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879363679 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|-------|
| Operating voltage AC max. | 250 V |
| Operating voltage DC max. | 250 V |
| Current operating per contact max. | 4 A |

Diagnostics

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

Installation | Connection

| | |
|--------------------|-----------|
| Mounting set | M16 x 1.5 |
| Width across flats | SW19 |

Device protection | Electrical

| | |
|------------------------------|----------|
| Protection NEMA | 3, 4, 6P |
| Pollution Degree | 3 |
| Rated surge voltage | 2,5 kV |
| Material group (IEC 60664-1) | I |

Mechanical data

| | |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

Mechanical data | Material data

| | |
|------------------|------------------------------|
| Material gasket | EPDM |
| Material housing | Stainless steel 1.4404 (V4A) |
| Locking material | Stainless steel 1.4404 (V4A) |

Mechanical data | Mounting data

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

Environmental characteristics | Climatic

| | |
|--|----------------------------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |

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.

Conformity

Product standard DIN EN 61076-2-101 (M12)

Approvals

UL 50E yes

Installation | Cable

Cable identification 971

Material wire insulation PUR

Amount wires 4

Outer diameter insulation 1,3 mm

Outer diameter tolerance core insulation $\pm 5 \%$

Conductor crosssection (wire) 0,34 mm²

Min. operating temperature (static) -40 °C

Max. operating temperature (fixed) 90 °C

Operating temperature min. (dynamic) -25 °C

Operating temperature max. (dynamic) 90 °C

Flame resistance UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2

chemical resistance Good, application-related testing

Gasoline resistance Good, application-related testing

Oil resistance DIN EN 60811-404 | Good, application-related testing

Bending radius (fixed) 5 x Outer diameter