

M12 male recept. A-cod. rear

TPE-wires 12x0.14 0.2m

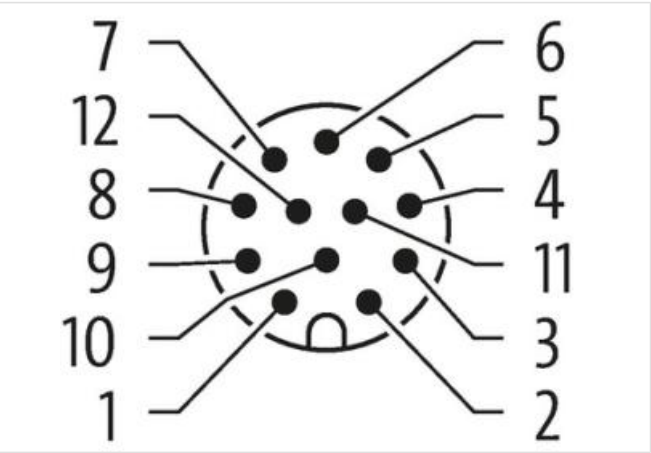
Flange male
M12, 12-pole
Rear mounting
with multi-strand wire

Link to Product

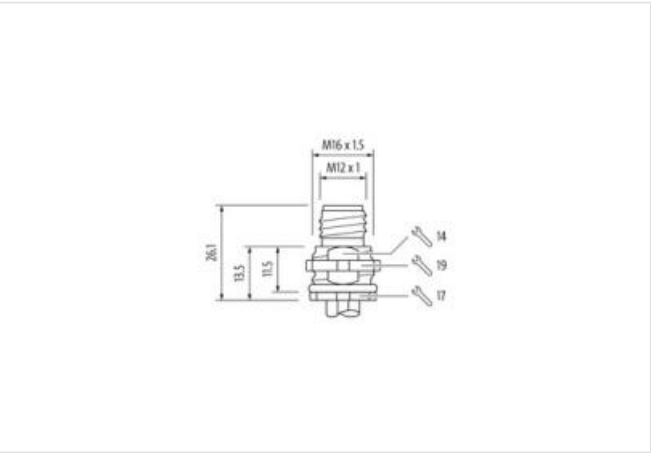
Illustration



| | |
|----|-------|
| 1 | BN |
| 2 | BU |
| 3 | WH |
| 4 | GN |
| 5 | PK |
| 6 | YE |
| 7 | BK |
| 8 | GY |
| 9 | RD |
| 10 | VT |
| 11 | GY PK |
| 12 | RD BU |



Product may differ from Image



| | |
|-------------------|-------------------|
| Cable length | 0,2 m |
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |

| | |
|-------------------------------------|--------------|
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | Brass |
| No. of poles | 12 |
| Degree of protection (EN IEC 60529) | IP67 |

Side 2

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

Commercial data

| | |
|-----------------------|---------------|
| ECLASS-6.0 | 27279220 |
| 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 | 4048879332248 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|-------|
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Current operating per contact max. | 1,5 A |

Diagnostics

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

Installation | Connection

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

Device protection | Electrical

| | |
|--|-------------------|
| Protection NEMA | 3, 4, 6P |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | I |

Mechanical data | Material data

| | |
|---------------------------|---------------|
| Coating locking | nickel plated |
| Coating of fitting | nickel plated |
| Locking material | Brass |
| Material screw connection | Brass |

Mechanical data | Mounting data

| | |
|-----------------|-------------------|
| Mounting method | inserted, screwed |
|-----------------|-------------------|

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. |
|-----------------------|---|

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

UL 50E yes

| | |
|--|--|
| wire arrangement | brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue |
| Cable identification | 979 |
| wire arrangement | brown, blue, white, green, pink, yellow, black, gray, red, violet, gray-pink, red-blue |
| Material wire insulation | PP |
| Amount wires | 12 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Conductor crosssection (wire) | 0,14 mm² |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 85 °C |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 85 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| 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 |
| Bending radius (dynamic) | 15 x Outer diameter |