

M12 male recept. Y-cod. front

PP-wires AWG20/26 0.5m

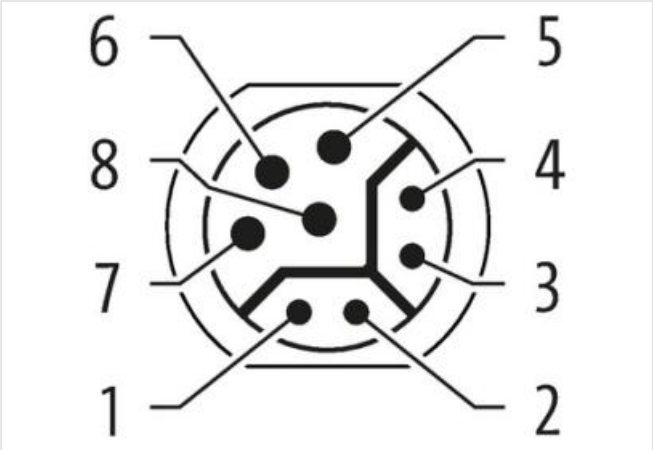
Flange male
M12, 8-pole
Y-coded
Front mounting
with multi-strand wire

Link to Product

Illustration



Product may differ from Image



| | |
|--------------------------|-------------------|
| Cable length | 0,5 m |
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Coating head | nickel plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | Y |

| | |
|-------------------------------------|------------------|
| Material contact | Copper alloy |
| Material | Zinc die-casting |
| Width across flats | SW14 |
| Degree of protection (EN IEC 60529) | IP67 |

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 | EC002061 |
| customs tariff number | 85444290 |
| GTIN | 4048879820233 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|--|-------|
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 V |
| Operating current per data contact max. | 0,5 A |
| Operating current per power contact max. | 6 A |

Diagnostics

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

Installation | Connection

| | |
|--------------|-----------|
| Mounting set | M16 x 1.5 |
|--------------|-----------|

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

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

Mechanical data | Material data

| | |
|---------------------------|------------------|
| Coating locking | Nickel |
| Coating of fitting | nickel plated |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting |

Mechanical data | Mounting data

| | |
|--------------------|----------------|
| Mounting method | Schraubgewinde |
| Looking techniques | Schraubgewinde |

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. |

Approvals

| Installation Cable | |
|--------------------------------------|---|
| Cable identification | 942 |
| wire arrangement | (black, brown, white, blue), (orange-white, orange, green-white, green) |
| Material wire insulation | PP |
| Amount wires | 4 |
| Amount strands (wire) | 19 |
| Conductor crosssection (wire) | 20 AWG |
| Amount wires (Data) | 4 |
| Amount strands wire (Data) | 19 |
| Conductor crosssection wire (Data) | 26 AWG |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -40 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 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 |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 5 Mio. |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 30 °/m |