

M12 female recept. Y-cod. rear

PP-wires AWG20/26 0.3m

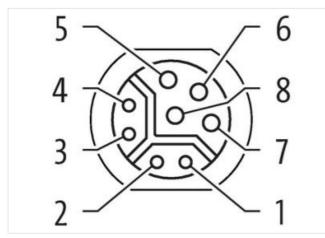
Flange female M12, 8-pole Rear mounting with multi-strand wire

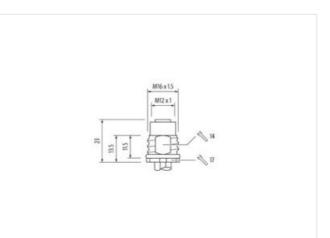
Link to Product

Illustration



|)— | | |
|----|-------|--|
| | OG | |
| | GN WH | |
| | GN | |
| | BU | |
| | WH | |
| | BN | |
| | BK | |





Product may differ from Image

| Cable length | 0,3 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 |
| | |

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| Material | Brass | |
|---|---|--|
| No. of poles | 8 | |
| 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 | EC001855 | |
| customs tariff number | 85444290 | |
| GTIN | 4048879711814 | |
| 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 signal contact max. | 6 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 | |
| Additional condition protection degree | inserted, screwed | |
| Pollution Degree | 3 | |
| Rated surge voltage | 0,8 kV | |
| Material group (IEC 60664-1) | 1 | |
| Mechanical data | | |
| Contour for corrugated hose | without | |
| | Without | |
| Mechanical data Material data | | |
| Coating housing | nickel plated | |
| Coating locking | nickel plated | |
| Coating of fitting Material gasket | nickel plated FKM | |
| Locking material | Brass | |
| Material screw connection | Brass | |
| 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. | |
| | | |

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Note on bending radius



Conformity Product standard DIN EN 61076-2-101 (M12) Approvals UL 50E yes 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 -50 °C Min. operating temperature (static) Max. operating temperature (fixed) 80 °C -40 °C Operating temperature min. (dynamic) 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 5 x Outer diameter Bending radius (fixed) Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. No. of torsion cycles 2 Mio. Torsion stress

endangered by excessive bending forces.

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

± 30 °/m

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