

M8 female 0° A-cod. with cable

PUR 4x0.25 bk UL/CSA+drag ch. 7m

Female straight

M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

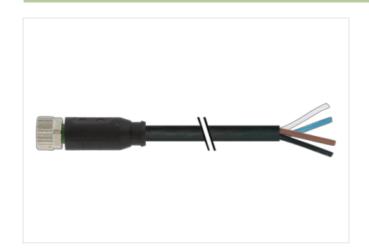
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

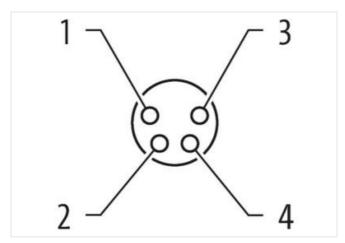
Further cable lengths on request.

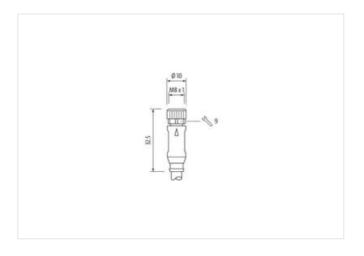
Link to Product

Illustration









Product may differ from Image











Cable length

7 m

Side 1

Tightening torque

0,4 Nm

The information in this Product-PDF has been compiled with the utmost care.

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stay connected

| Mounting method | inserted, screwed |
|---|---------------------------------------|
| Coating contact | gold plated |
| Family construction form | M8 |
| Thread | M8 x 1 |
| suitable for corrugated tube (internal Ø) | 6,5 mm |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW9 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Coating contact | gold plated |
| Family construction form | free cable end |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.0 ECLASS-7.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 ECLASS-9.0 | 27060311 |
| ECLASS-9.0 ECLASS-10.1 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879229210 |
| Packaging unit | 1 |
| | |
| Electrical data Supply | |
| Operating voltage AC max. | 50 V |
| Operating voltage DC max. | 60 V |
| Operating voltage AC (UL-listed) | 30 V |
| Operating voltage DC (UL-listed) | 30 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | no |
| Installation Connection | |
| Stripping length (jacket) | 20 mm |
| Mounting set | M8 x 1 |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting Zinc die-casting |
| Mechanical data Mounting data | |
| | inspired agraphed Challing pretention |
| Mounting method | inserted, screwed, Shaking protection |

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stay connected

| perating temperature min. | -25 °C |
|--|---|
| perating temperature max. | 85 °C |
| dditional condition temperature range | depending on cable quality |
| mportant installation notes | |
| • | Destruct the second state by suitable meaning from machinical leads on the the consent split time |
| ote on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| ote 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 | |
| roduct standard | DIN EN 61076-2-104 (M8) |
| nstallation Cable | |
| able identification | 631 |
| able Type | 3 |
| acket Color | black |
| ype of Certificate | cURus |
| mount stranding | 1 |
| tranding | 4 wires twisted |
| rire arrangement | brown, black, blue, white |
| raversing distance (C-track) | 10 m @ 25 °C horizontal |
| able weigth | 33 g/m |
| laterial jacket | PUR |
| nore hardness jacket | 90 ± 5 Shore A |
| eedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| uter-diameter (jacket) | 4.5 mm |
| plerance outer diameter (sheath) | ±5% |
| laterial wire insulation | PP PP |
| mount wires | 4 |
| uter diameter insulation | 1,25 mm |
| uter diameter tolerance core insulation | ± 5 % |
| hore hardness wire insulation | 70 ± 5 Shore D |
| gredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| mount strands (wire) | 32 |
| iameter of single wires | 0.1 mm |
| onductor crosssection (wire) | 0,1 mm² |
| aterial conductor wire | Stranded copper wire, bare |
| onductor type (wire) | strand class 6 |
| ominal voltage AC max. | 300 V |
| urrent load capacity (standard) | to DIN VDE 0298-4 |
| urrent load capacity (standard) | 3,6 A |
| ectrical resistance line constant wire | 79 Ω/km @ 20 °C |
| C withstand voltage (wire - wire) | 2.5 kV @ 60 s |
| ower frequency withstand voltage (wire - | · · |
| cket) | 2,5 kV @ 60 s |
| in. operating temperature (static) | -40 °C |
| ax. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| perating temperature min. (dynamic) | -25 °C |
| perating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| V resistance | DIN EN ISO 4892-2 A |
| lame resistance | UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 |
| nemical resistance | Good, application-related testing |
| asoline resistance | Good, application-related testing |
| il resistance | Good, application-related testing DIN EN 60811-404 |
| | 5 x Outer diameter |

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| Bending radius (dynamic) | 10 x Outer diameter |
|--------------------------|---------------------|
| Travel speed (C-track) | 10 Mio. @ 25 °C |
| No. of torsion cycles | 2 Mio. |
| Torsion stress | ± 180 °/m |
| Torsion speed | 35 cycles/min |