

M12 female 0° A-cod. with cable

PUR 2x0.5 gy UL/CSA+drag ch. 3m

Cube67 Female straight M12, 2-pole A-coded

Actuator supply external

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

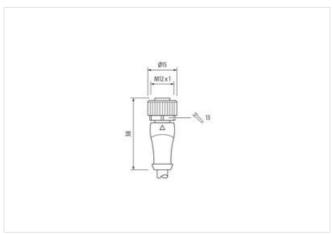
The resistance to aggressive media should be individually tested for your application. Further details on request.

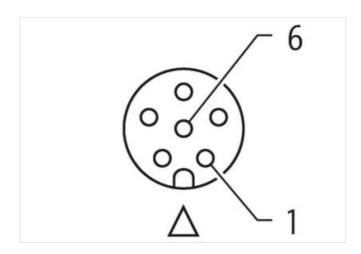
Link to Product

Illustration









Product may differ from Image











Cable length



stay connected

| Side 1 | |
|-------------------------------------------|-------------------|
| | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 2 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Coating contact | gold plated |
| | 9 p |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879197168 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 30 V |
| Operating voltage DC max. | 30 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 | M12 x 1 |
| Device protection Electrical | |
| | inserted earning |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | l . |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Material gasket | FKM |
| Locking material | Zinc die-casting |
| | Zinc die-casting |



stay connected

| Nounting 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 |
| , | depending on cable quality |
| Important installation notes | |
| lote on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| lote 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) |
| Installation Cable | |
| Cable identification | 414 |
| Cable Type | 3 |
| acket Color | gray |
| ype of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| vire arrangement | brown, blue |
| raversing distance (C-track) | 10 m @ 25 °C horizontal |
| Cable weigth | 30,8 g/m |
| faterial jacket | PUR |
| hore hardness jacket | 90 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 4.4 mm |
| olerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| amount wires | 2 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| ngredient freeness wire insulation | 28 |
| mount strands (wire) Diameter of single wires | 0,15 mm |
| conductor crosssection (wire) | 0,15 mm 0.5 mm ² |
| . , | * |
| laterial conductor wire | Stranded copper wire, bare |
| Conductor type (wire) Jominal voltage AC max. | strand class 6 300 V |
| | to DIN VDE 0298-4 |
| Current load capacity (standard) | |
| Current load capacity min. wire | 9 A |
| Christman valtage (wire wire) | 39 Ω/km @ 20 °C |
| C withstand voltage (wire - wire) | 2,5 kV @ 60 s |
| ower frequency withstand voltage (wire - | 2,5 kV @ 60 s |
| lin. operating temperature (static) | -40 °C |
| fax. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| lame resistance | UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 |
| hemical resistance | Good, application-related testing |
| Sasoline resistance | Good, application-related testing |



| Bending radius (fixed) | 5 x Outer diameter |
|--------------------------|---------------------|
| 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 |