

M8 male 0° / M12 female 90° A-cod.

PUR 3x0.25 gy UL/CSA 3.15m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

$$\label{eq:male_straight} \begin{split} & \text{Male straight} - \text{female } 90^{\circ} \\ & \text{M8} - \text{M12, 3-pole} \end{split}$$

M12, A-coded

Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

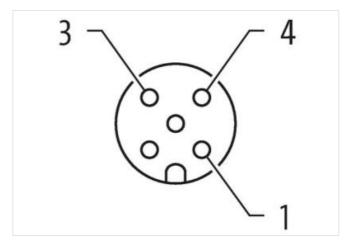
Plastic housings with good resistance against chemicals and oils.

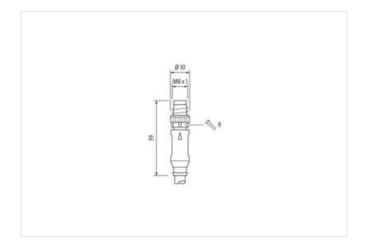
The resistance to aggressive media should be individually tested for your application. Further details on request.

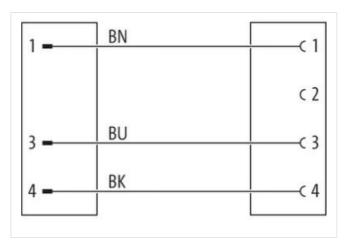
Link to Product

Illustration



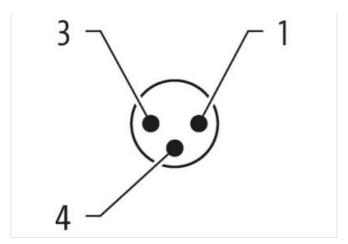


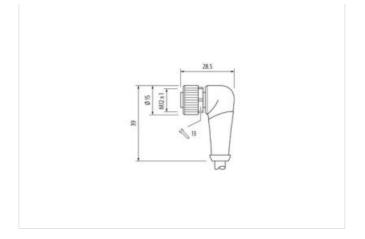






stay connected





Product may differ from Image











| Cable length | 3,15 m |
|---|-------------------|
| Side 1 | |
| Tightening torque | 0,4 Nm |
| 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 |
| No. of poles | 3 |
| Width across flats | SW9 |
| Side 2 | |
| 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 |
| No. of poles | 3 |
| Width across flats | SW13 |
| 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 |



stay connected

| customs tariff number 85444290 GTIN 408879122962 Packaging unit 1 Electrical data Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage AG (UL-listed) 30 V Operating voltage PC (UL-listed) 30 V Operating voltage PC (UL-listed) 30 V Operating voltage PC (UL-listed) 30 V Degree of protection IEC BC (UL-listed) 80 V Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data Material data Incided Material possition Material possition PUR Coding material Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical data Mounting data Zinc die-casting Mechanical data Image (Listed) 25 °C Operating temperature max. 25 °C | ETIM-5.0 | EC001855 |
|---|-----------------------|----------|
| CTIN | customs tariff number | 85444290 |
| Packaging unit 1 | | |
| Periodic 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 Status indication LED no Device protection (EN IEC 60529) IP65, IP67, IP68, IP68K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material pocking Nickeled Material pocking Nickeled Material pocking Nickeled Material pocking Nickeled Material pocking PUR Locking material Zinc disc-asting Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. | | |
| Operating voltage DC max 60 V Operating voltage AC (UL-listed) 30 V Current operating per contact max. 4 A Degree of protection (Electrical) Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (EC 80664-1) I Mechanical data [Material data I Coating locking Nickeled Material gasket FKM Material flousing PUR Mounting method inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating emperature min. Operating temperature max 85 °C Additional condition temperature range depending on cable quality Contomity Operating temperature max 85 °C Additional condition temperature range depending on cable quality Contomity Total condition temperature max 85 °C Cable identificati | | 50 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 Device protection [Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP68, IP68K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Mechanical data (Material data Coating locking Nickeled Material spasket FKM Material housing PUR Locking material Zinc die-austing Mechanical data (Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature min. -25 °C Additional condition temperature range depending on cable quality | | |



| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
|---|--|
| Amount strands (wire) | 32 |
| Diameter of single wires | 0,1 mm |
| Conductor crosssection (wire) | 0,25 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Travel speed (C-track) | 2 Mio. @ 25 °C |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Electrical resistance line constant wire | 79 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| Min. operating temperature (static) | -30 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | UL 1581 § 1090 IEC 60332-2-2 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) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |