

M12 male 0° / M12 female 0° A-cod. shielded F&B

PVC 0.5+0.25 shielded gy 7.5m

F&B

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

Cube67

Male straight - female straight

M12 - M12, 6-pole

shielded

A-coded

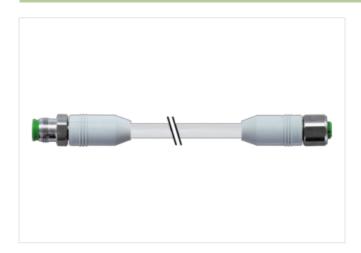
Stainless steel 1.4404 (V4A)

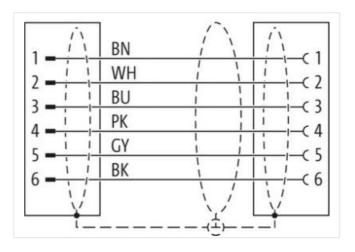
Hybrid cable

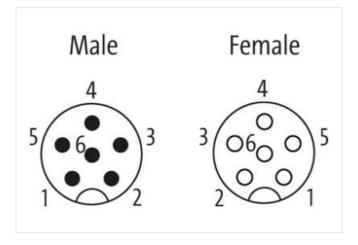
Plastic housings with good resistance against chemicals and oils.

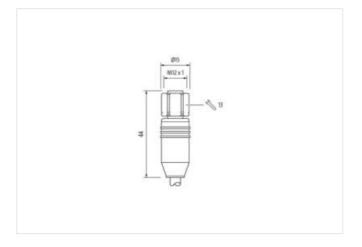
Link to Product

Illustration



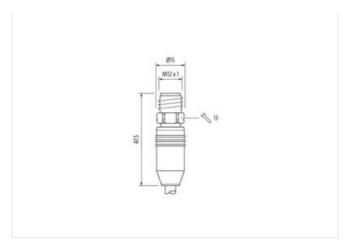












Product may differ from Image

| Cable length | 7,5 m |
|-------------------------------------|-------------------|
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 6 |
| Degree of protection (EN IEC 60529) | IP65, IP68 |
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 6 |
| Width across flats | SW14 |
| Degree of protection (EN IEC 60529) | IP65, IP68 |
| Commercial data | |
| ECLASS-6.0 | 27061801 |
| ECLASS-6.1 | 27060307 |
| ECLASS-7.0 | 27060307 |
| ECLASS-8.0 | 27060307 |
| ECLASS-9.0 | 27060307 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879718110 |
| Packaging unit | 1 |
| Electrical data Supply | |
| | |



stay connected

| Current operating per contact max. 4 A Diagnostics Status indication LED no Device protection Electrical Additional condition protection degree Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (IEC 60684-1) 1 Mechanical data Material data FKM Material housing PUR Locking material Stainless steel 1.4404 (V4A) Mechanical data Mounting data Inserted, screwed, Shaking protection Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Frommonental characteristics Climatic Operating temperature max. 25 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Installation Cable STOOW style jacket Hybrid, Signal, Data Cable | Operating voltage AC max. | 30 V |
|--|---|---|
| Diagnostics Status infoation LED no Powerice protection [Electrical Powerice protection [Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 0,8 kV Material group (Ele 80864-1) 1 Machanical data Marial data Machanical data Marial data Machanical data Mach | Operating voltage DC max. | 30 V |
| Status indication LED no Device protection Electrical Additional condition protection degree insented, screwed Pollution Degree 3 Ratide surge voltage 0,8 AV Machenial group (IEC 9666+1) I Machenial data Material data KM Machenial data Material data Mat | Current operating per contact max. | 4 A |
| Additional condition protection degree Inserted, screwed | Diagnostics | |
| Additional condition protection degree insented, screwed Pollution Degree 3 Raided surge voltage 0,8 kV Material gasket FXM Mechanical data Metrial data Metrial data Pound PUR Locking material Stanless steel 1.4404 (V4A) Mechanical data Mounting data Mou | Status indication LED | no |
| Follution Degree 3 Ratid surpey voltage 0,8 kV Macteral group (IEC 60664-1) I Mechanical data Material data KM Material place Material data Material data Material place | Device protection Electrical | |
| Follution Degree 3 Ratid surpey voltage 0,8 kV Macteral group (IEC 60664-1) I Mechanical data Material data KM Material place Material data Material data Material place | Additional condition protection degree | inserted, screwed |
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| Mechanical data Meterial data Mechanical data Meterial data Menterial gastes | | 0.8 kV |
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| Outer diameter wire insulation (Data) 1,4 mm | | |
| Tolerance outer diameter wire insulation (data) ±5 % | | 1,4 mm |
| | Tolerance outer diameter wire insulation (data) | ±5% |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-15



| Ingredient freeness wire insulation (Data) | lead-free, CFC-free |
|---|--|
| Amount wires (Data) | 2 |
| Conductor crosssection wire (Data) | 0,25 mm² |
| Material conductor wire (Data) | Stranded copper wire, bare |
| Traversing distance (C-track) | 5 m |
| Nominal voltage AC max. | 500 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,5 A |
| Current load capacity min. Wire (Data) | 7,2 A |
| Electrical resistance line constant wire | 75 Ω/km @ 20 °C |
| Electrical resistance coating wire (Data) | 34 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 1,5 kV @ 60 s |
| Electric inductivity line constant | 0,65 mH/km |
| Power frequency withstand voltage (wire - jacket) | 1,5 kV @ 60 s |
| AC withstand voltage (wire - shield) | 1,2 kV @ 60 s |
| Loop resistance | 200 MΩ × km |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 90 °C |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| 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 |