

M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded bk UL/CSA+drag ch. 3m

Male 90° M12, 5-pole shielded A-coded

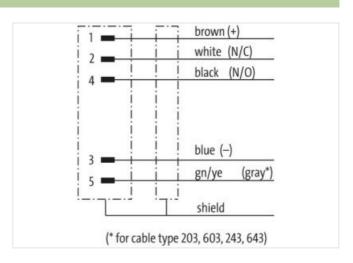
Plastic housings with good resistance against chemicals and oils.

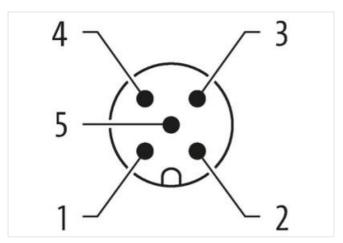
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

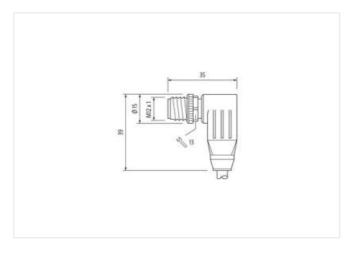
Link to Product

Illustration









Product may differ from Image













Cable length

3 m

Side 1

Tightening torque

0,6 Nm



stay connected

| Mounting method | inserted, screwed |
|--|--|
| Coating contact | gold plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |
| Side 2 | |
| Coating contact | gold plated |
| Commercial data | gold placed |
| | 07070040 |
| ECLASS-6.0 | 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 | 4048879832120 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 60 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 |
| Installation Connection | |
| Mounting set | M12 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 |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting 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 |
| | |
| Important installation notes | Portable according to a Male and a second se |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |

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: 2024-05-02



stay connected

| Installation Cable Cabl | Conformity | |
|--|---------------------------------------|--|
| Cable identification 643 Cable Type 3 Jackel Color black Type of Carlificate URus Anount stranding 1 Stranding 5 wires around Core filter twisted Cable shelding (type) copper trand, trinned Cable shelding (type) copper trand, trinned Cable wing (coverage) 80 % Banding Fleece, Foil Filter yes wire arrangement bown, black, blue, while, gray Cable weigh 57.2 g/m Material jacket PUR Shore transfers jacket PUR Shore transfers jacket PUR Shore transfers jacket 5.6 mm Outer-diameter (lacket) 5.6 mm Outer-diameter (lacket) 5.6 mm Outer-diameter (lacket) 1.5 % Amount wires 5 Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.2 % mr | Product standard | DIN EN 61076-2-101 (M12) |
| Cable identification 643 Cable Type 3 Jackel Color black Type of Carlificate URus Anount stranding 1 Stranding 5 wires around Core filter twisted Cable shelding (type) copper trand, trinned Cable shelding (type) copper trand, trinned Cable wing (coverage) 80 % Banding Fleece, Foil Filter yes wire arrangement bown, black, blue, while, gray Cable weigh 57.2 g/m Material jacket PUR Shore transfers jacket PUR Shore transfers jacket PUR Shore transfers jacket 5.6 mm Outer-diameter (lacket) 5.6 mm Outer-diameter (lacket) 5.6 mm Outer-diameter (lacket) 1.5 % Amount wires 5 Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.5 % mr Outer diameter (sheath) 1.2 % mr | Installation Cable | |
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| Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 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 | Min. operating temperature (static) | -40 °C |
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| 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 | Flame resistance | |
| Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter | chemical resistance | |
| Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter | Gasoline resistance | |
| Bending radius (dynamic) 10 x Outer diameter | Oil resistance | DIN EN 60811-404 Good, application-related testing |
| | Bending radius (fixed) | 5 x Outer diameter |
| No. of bending cycles (C-track) 5 Mio. @ 25 °C | Bending radius (dynamic) | 10 x Outer diameter |
| | No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| No. of torsion cycles 2 Mio. | No. of torsion cycles | 2 Mio. |
| Torsion speed 35 cycles/min | Tanaira and al | 25 ayalaa/min |

Product-PDF for Article 7000-13161-6430300



Torsion stress \pm 30 °/m