

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

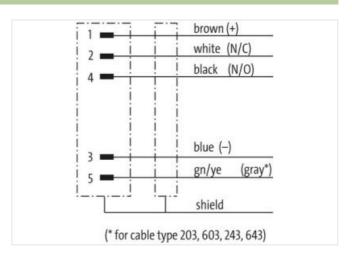
Plastic housings with good resistance against chemicals and oils.

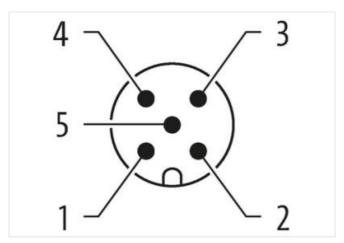
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

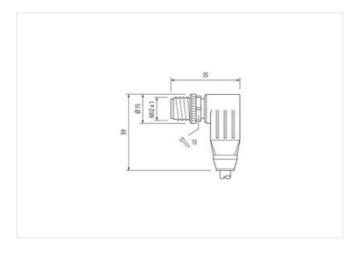
Link to Product

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 | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-0.0 | 27060311 |
| ECLASS-9.0 ECLASS-10.1 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879832120 |
| | 1 |
| Packaging unit | <u>'</u> |
| 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) | T |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Coating of fitting | nickel plated |
| Locking material | Zinc die-casting |
| Material screw connection | 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 |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12) |
| i i oddol olaiidaid | Dist Els 010/0 E 101 (WILE) |



stay connected

| 643 |
|--|
| 3 |
| black |
| cURus |
| 1 |
| 5 wires around Core filler twisted |
| copper braid, tinned |
| 80 % |
| Fleece, Foil |
| yes |
| brown, black, blue, white, gray |
| 5 Mio. @ 25 °C |
| 57,2 g/m |
| PUR |
| 90 ± 5 Shore A |
| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 5.6 mm |
| ±5% |
| PP |
| 5 |
| 1.25 mm |
| ±5% |
| 70 ± 5 Shore D |
| lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 42 |
| 0.1 mm |
| 0.34 mm ² |
| Stranded copper wire, bare |
| strand class 6 |
| 5 m @ 25 °C horizontal |
| to DIN VDE 0298-4 |
| 4.5 A |
| 4,5 A 57 Ω/km @ 20 °C |
| |
| 300 V |
| 2 kV @ 60 s |
| 2 kV @ 60 s |
| 2 kV @ 60 s |
| -40 °C |
| 80 °C / 90 °C @ 10000 h Operation |
| |
| -25 ℃ |
| -25 °C 80 °C / 90 °C @ 10000 h Operation |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A |
| 80 °C / 90 °C @ 10000 h Operation |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing 5 x Outer diameter |
| 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing 5 × Outer diameter 10 × Outer diameter |
| |