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**Valve plug MDCY06-4s / 2x M12 female 0° Xtreme**

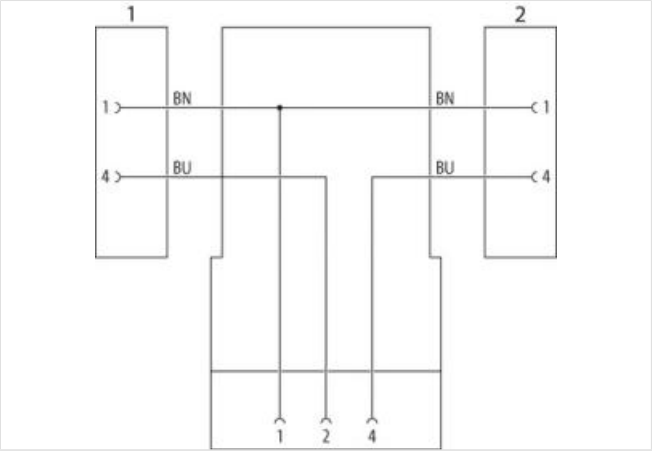
PUR 2x0.75 bk UL/CSA+drag ch. 5m

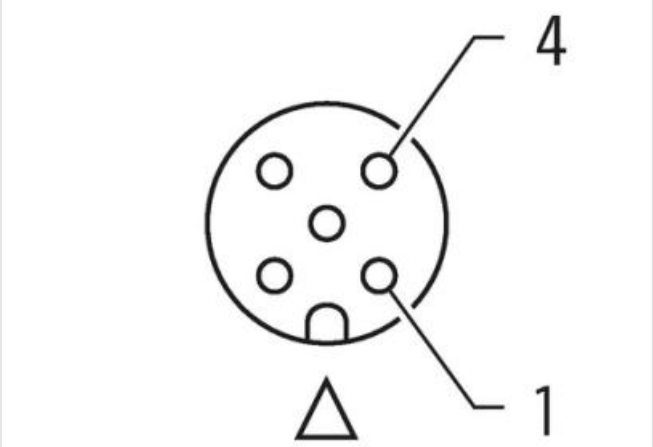
Xtreme - Outdoor
Y connector
Male straight – female straight
6...230 V AC/DC
Compatible with:
Deutsch DT06-4S
without components
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

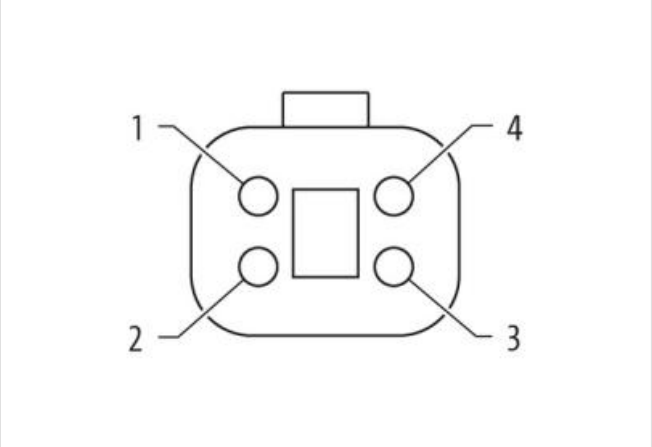
## Link to Product

**Illustration**



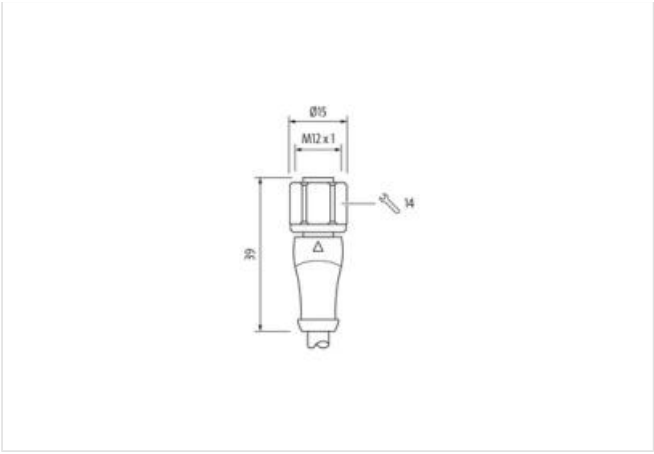


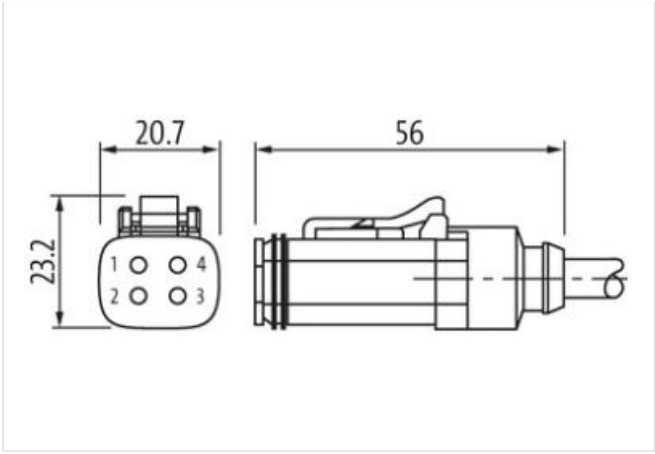




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Product may differ from Image

| | |
|---|---|
| Cable length | 5 m |
| **Side 1** | |
| Mounting method | inserted, screwed |
| Coating contact | nickel plated |
| Family construction form | Amphenol AT06-4S |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Material contact | Copper alloy |
| Material | PA |
| No. of poles | 3 |
| Degree of protection (EN IEC 60529) | IP68 |
| **Side 2** | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Coating contact | nickel plated |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | A |
| Material contact | Copper alloy |
| Material | PUR |
| No. of poles | 2 |
| Width across flats | SW14 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP68 |
| **Side 3** | |
| Family construction form | M12 |
| Coding | A |
| Material contact | Copper alloy |
| No. of poles | 2 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP68 |
| **Commercial data** | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060312 |
| ECLASS-11.1 | 27060312 |
| ECLASS-12.0 | 27060312 |
| ETIM-5.0 | EC001855 |

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| | |
|---|---|
| customs tariff number | 85444290 |
| GTIN | 4048879911498 |
| Packaging unit | 1 |
| **Electrical data \| Supply** | |
| Operating voltage AC min. | 6 V |
| Operating voltage AC max. | 230 V |
| Operating voltage DC min. | 6 V |
| Operating voltage DC max. | 230 V |
| Current operating per contact max. | 4 A |
| **Diagnostics** | |
| Status indication LED | no |
| **Device protection \| Electrical** | |
| Pollution Degree | 3 |
| Rated surge voltage | 2,5 kV |
| Material group (IEC 60664-1) | I |
| Additional suppressor | without components |
| **Mechanical data \| Material data** | |
| Material gasket | Silicon |
| Locking material | Stainless steel 1.4305 (V2A) |
| **Mechanical data \| Mounting data** | |
| Mounting method | inserted, screwed, Shaking protection |
| Looking techniques | Snap-in connector |
| **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) |
| **Installation \| Cable** | |
| Cable identification | 754 |
| Cable Type | 3 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| wire arrangement | brown, blue |
| Cable weigth | 40,7 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket) | 5 mm |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | PP |
| Amount wires | 2 |
| Outer diameter insulation | 1,7 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 70 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,15 mm |

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| | |
|---|---|
| Conductor crosssection (wire) | 0,75 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 10 m @ 25 °C \| horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 12 A |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2,5 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2,5 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. 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 |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | UL 1581 § 1090 \| UL 1581 § 1100 FT2 \| IEC 60332-2-2 |
| 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 |
| No. of torsion cycles | 2 Mio. |
| Torsion speed | 35 cycles/min |
| Torsion stress | ± 180 °/m |

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