

Valve plug MDC06-2s short with cable

PUR 2x1.5 bk ADR 7.5m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

12...230 V AC/DC

2-pole

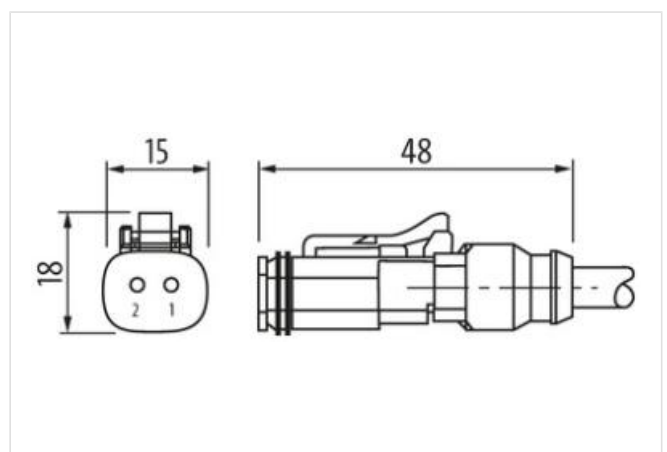
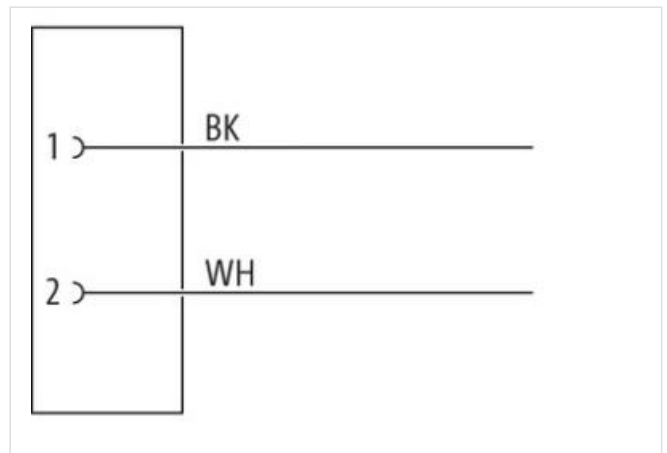
without components

Compatible with:

Deutsch DT06-2S

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**

Product may differ from Image



Cable length 7,5 m

Side 1

| | |
|--------------------------|---------------|
| Mounting method | inserted |
| Coating contact | nickel plated |
| Family construction form | MDC |
| Material contact | Copper alloy |
| No. of poles | 2 |

Side 2

| | |
|---------------------------|-------|
| Stripping length (jacket) | 20 mm |
|---------------------------|-------|

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 |
| customs tariff number | 85444290 |
| GTIN | 4048879831871 |
| 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. | 8 A |

Diagnostics

| | |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

Installation | Connection

| | |
|---------------------------|------------------|
| Stripping length (jacket) | 20 mm |
| Family construction form | Amphenol AT06-2S |

Device protection | Electrical

| | |
|---------------------------------------|--------------------|
| Degree of protection (ISO 20653:2013) | IP66K, IP68, IP69K |
| Pollution Degree | 2 |
| Rated surge voltage | 2,5 kV |
| Material group (IEC 60664-1) | III |
| Additional suppressor | without components |

Mechanical data | Material data

| | |
|------------------|---------|
| Material gasket | Silicon |
| Material housing | PA |

Mechanical data | Mounting data

| | |
|--------------------|-------------------|
| 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 |

Important installation notes

| | |
|-----------------------|---|
| 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.

| Installation Cable | |
|---|--|
| Cable identification | 484 |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 2 wires twisted |
| wire arrangement | black, white |
| Cable weight | 73,7 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free |
| Outer-diameter (jacket) | 6,6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material inner jacket | PVC |
| Color (inner jacket) | gray |
| Material wire insulation | PVC |
| Amount wires | 2 |
| Outer diameter insulation | 2,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 41 Shore D |
| Material properties wire insulation | good machinability |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Resistances wire insulation | hydrolysis-resistant, microbe-resistant |
| Amount strands (wire) | 30 |
| Diameter of single wires | 0,25 mm |
| Conductor crosssection (wire) | 1,5 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Nominal voltage AC max. | 60 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 18 A |
| Electrical resistance line constant wire | 13,7 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 300 s |
| Electric capacitance | 50000 pF/km |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 300 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 85 °C |
| UV resistance | DIN EN ISO 4892-2 A |
| 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) | 12 x Outer diameter |