

**Valve plug MDC06-2s short with cable**

PUR 2x0.75 bk 7.5m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

12...230 V AC/DC

2-pole

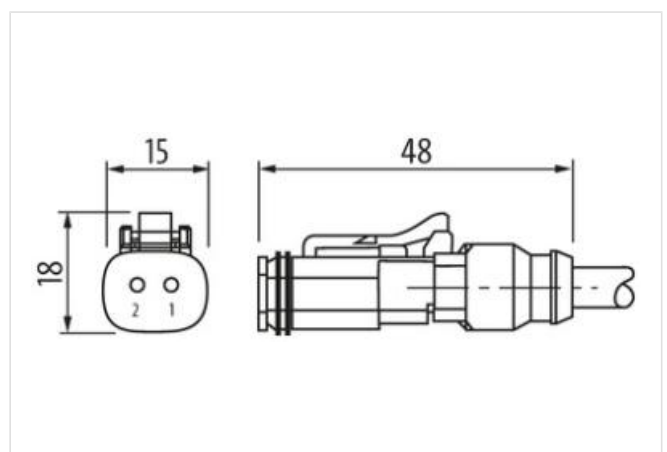
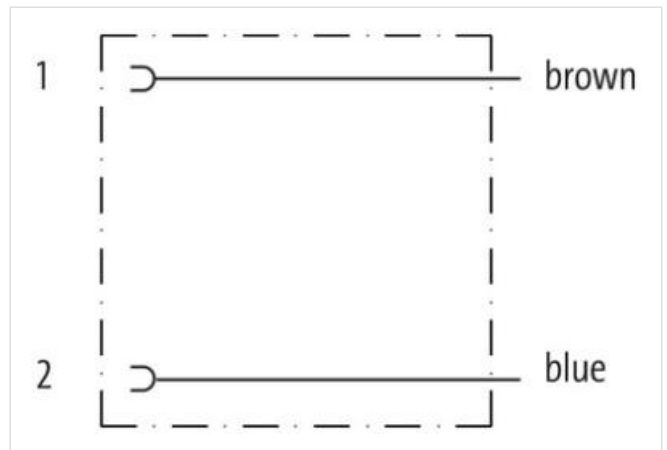
without components

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
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#### 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	4048879846738
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
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#### 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
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#### 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.
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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	750
Jacket Color	black
Amount stranding	1
Stranding	2 wires twisted
Stranding factor min.	75 mm
Stranding factor max.	75 mm
wire arrangement	brown, blue
Cable weight	48,4 g/m
Material jacket	PUR
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	5,9 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 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	92 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic)	15 x Outer diameter