

Valve plug MDC06-4s / MDC06-4s

PUR 1x4x0.5 shielded vt UL/CSA+drag ch. 4m

Art.No.: 7072-77095-8040400

Weight: 0.456

Country of origin: DE

Model designation: MSTDL0-TD-T804_4.0-S72

Xtreme - Outdoor

Male straight – male straight

Further cable lengths on request.

6 ... 32 V AC/DC

4-pole

without components

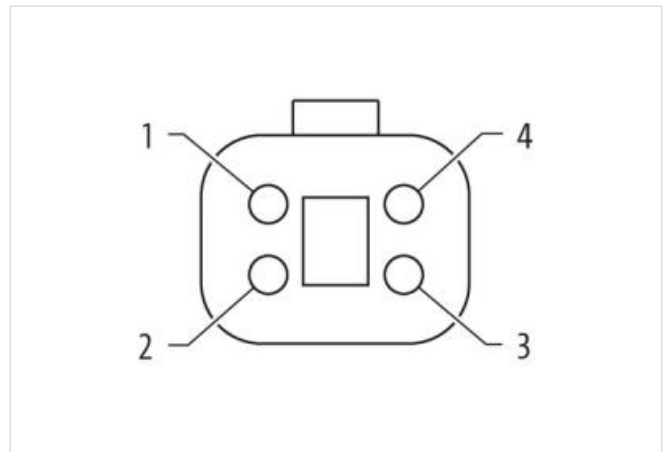
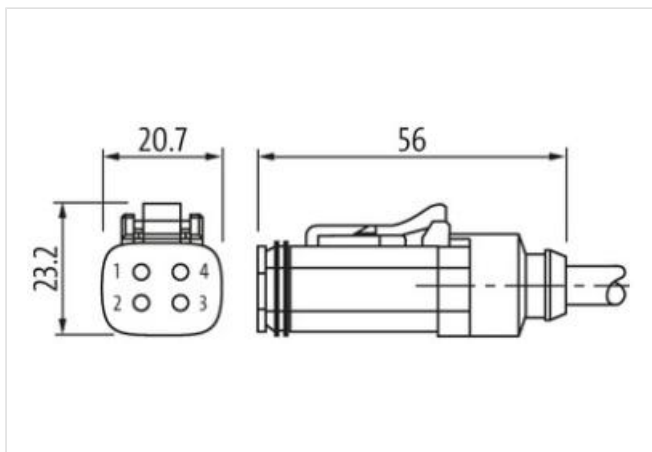
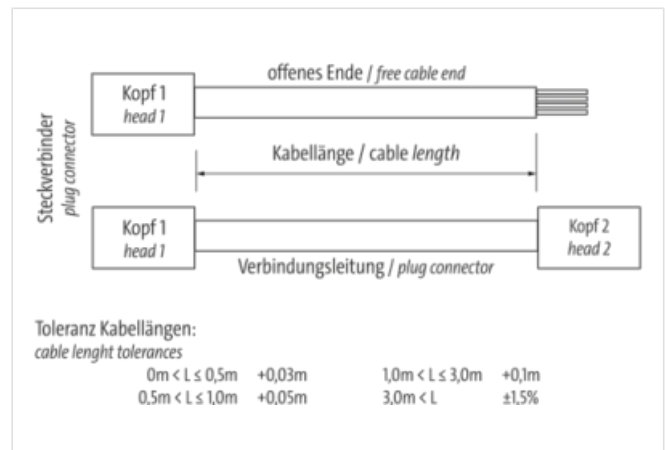
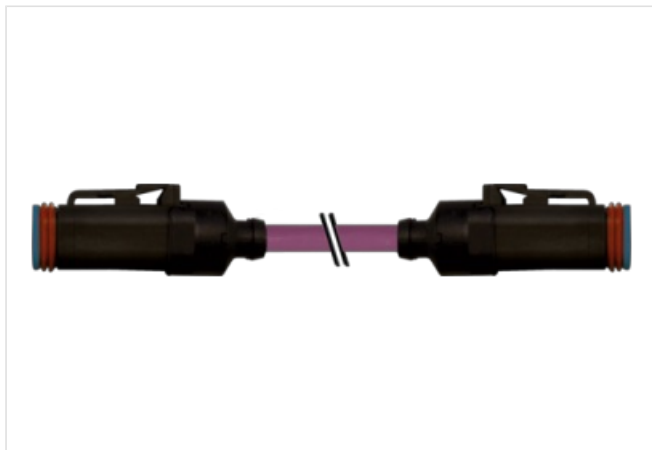
with cable sleeves

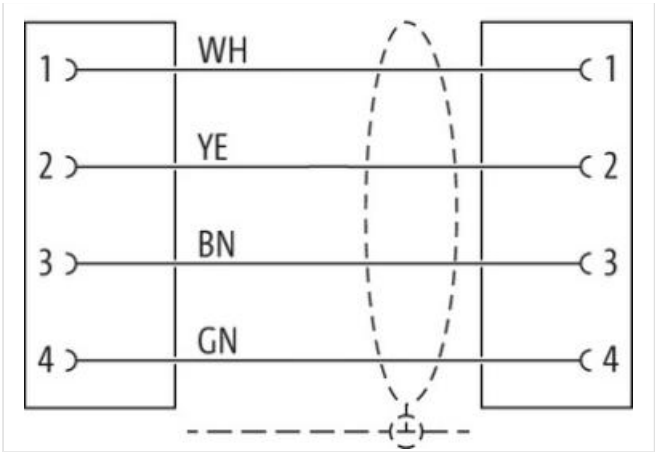
Compatible with:

Deutsch DT06-4S

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	4 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	MDC
suitable for corrugated tube (internal Ø)	13 mm
Material contact	Copper alloy
No. of poles	4
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	MDC
suitable for corrugated tube (internal Ø)	13 mm
No. of poles	4
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
EAN	4065909111796
Packaging unit	1
Electrical data Supply	
Operating voltage AC min.	6 V
Operating voltage AC max.	32 V
Operating voltage DC min.	6 V
Operating voltage DC max.	32 V

Current operating per contact max. 4 A

Diagnostics

Status indication LED no

Installation | Connection

Family construction form Amphenol AT06-4S

Device protection | Electrical

Degree of protection (EN IEC 60529) IP68, IP66K, IP69K

Additional condition protection degree inserted

Pollution Degree 2

Rated surge voltage 0,8 kV

Material group (IEC 60664-1) III

Additional suppressor without components

Mechanical data | Material data

Material housing PA

Material gasket Silicon

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

wire arrangement (white, brown), (yellow, green)

Cable identification 804

Jacket Color violet

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires around Filler twisted

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 85 %

Banding Fleece, Foil

Filler yes

wire arrangement (white, brown), (yellow, green)

Cable weight 97,9 g/m

Material jacket PUR

Shore hardness jacket 90 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Outer-diameter (jacket) 8,2 mm

Tolerance outer diameter (sheath) $\pm 5 \%$

Material wire insulation PE

Amount wires 4

Outer diameter insulation 2,4 mm

Outer diameter tolerance core insulation $\pm 5 \%$

Shore hardness wire insulation 65 Shore D

Ingredient freeness wire insulation lead-free, CFC-free, halogen-free

Amount strands (wire) 30

Diameter of single wires 0,15 mm

Conductor crossection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	50 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	7,2 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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)	6 x Outer diameter
Bending radius (dynamic)	8 x Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Travel speed (C-track)	3 m/s @ 25 °C