

**Valve plug MDC06-4s / M12 male 0° Xtreme**

PUR 4x0.75 bk UL/CSA+drag ch. 0.6m

Xtreme - Outdoor

Male straight – male straight

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

Further cable lengths on request.

Stainless steel 1.4305 (V2A)

6...230 V AC/DC

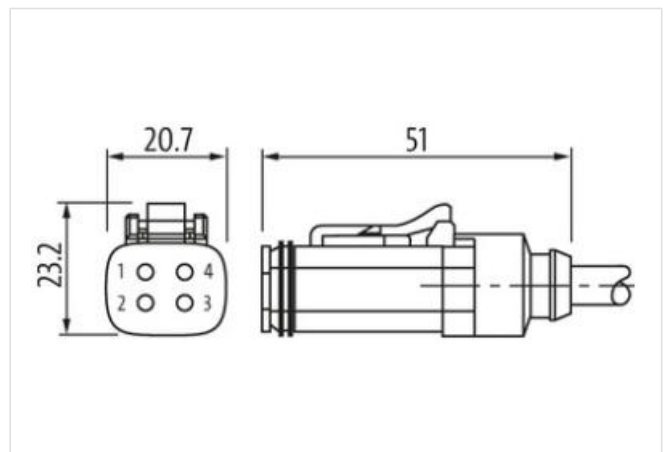
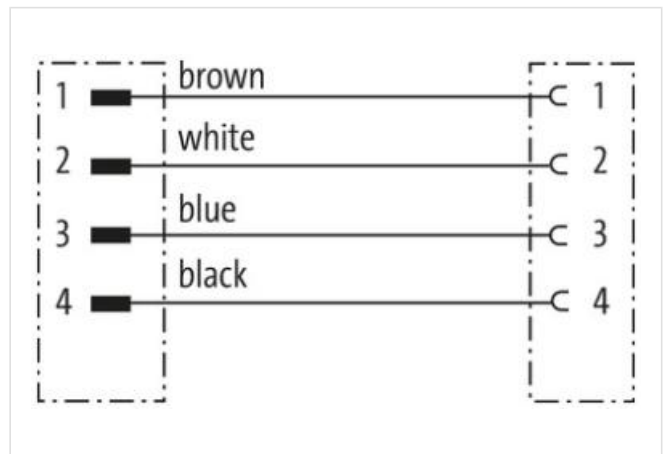
4-pole

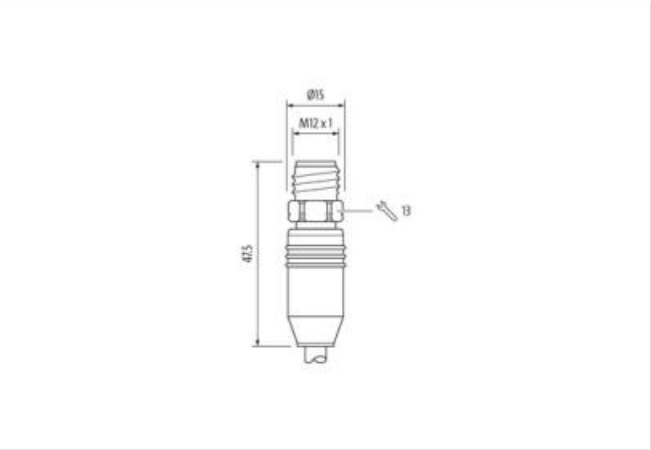
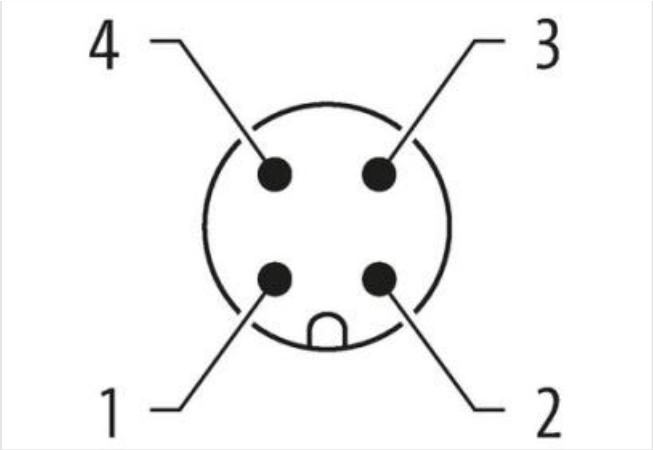
without components

without cable sleeves

compatibel to Deutsch DT06-4S

Plastic housings with good resistance against chemicals and oils.

**[Link to Product](#)****Illustration**



Product may differ from Image

Cable length	0,6 m
Side 1	
Mounting method	inserted, screwed
Coating contact	nickel plated
Family construction form	M12
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP66K, IP68
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	nickel plated
Family construction form	Amphenol AT06-4S
Thread	M12 x 1
Material	PA
No. of poles	4
Degree of protection (EN IEC 60529)	IP68
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909050569
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

#### Installation | Connection

Gender male

#### 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

#### Installation | Cable

Cable identification 569

Cable Type 3

Jacket Color black

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires twisted

wire arrangement brown, black, blue, white

Traversing distance (C-track) 10 m @ 25 °C | horizontal

Travel speed (C-track) 10 Mio. @ 25 °C

Cable weight 62,7 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) 6,5 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PP

Amount wires 4

Outer diameter insulation 1,85 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

Conductor crosssection (wire) 0,75 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Nominal voltage AC max. 300 V

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 9,6 A

Electrical resistance line constant wire 26 Ω/km @ 20 °C

AC withstand voltage (wire - wire) 2,5 kV @ 60 s

Power frequency withstand voltage (wire - jacket) 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	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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min