

Valve plug MDC06-4s / MSUD valve A-18mm Xtreme

PUR 2x0.75 bk UL/CSA+drag ch. 1m

Xtreme - Outdoor

Male straight – female 90°

12...24 V AC/DC

compatibel to Deutsch DT06-4S

without components

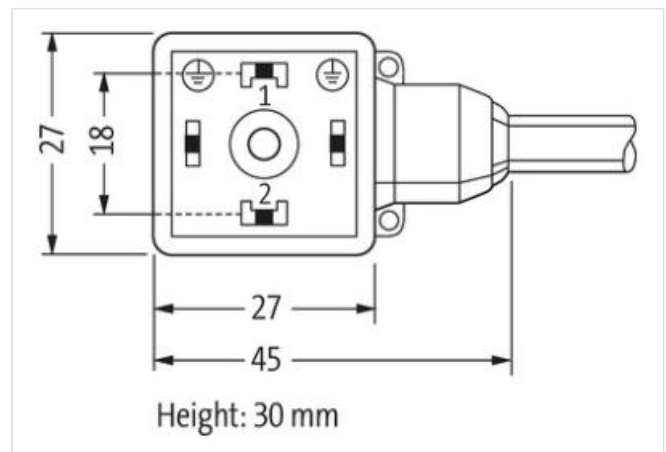
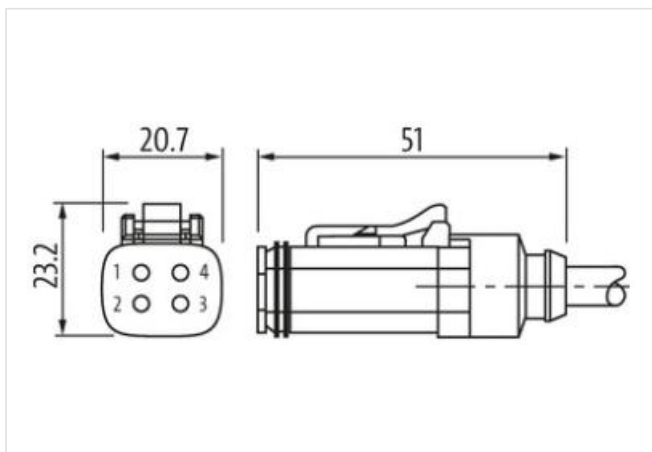
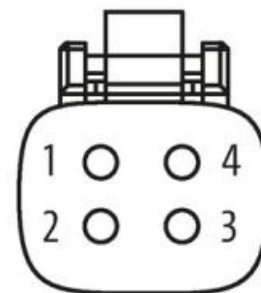
Plastic housings with good resistance against chemicals and oils.

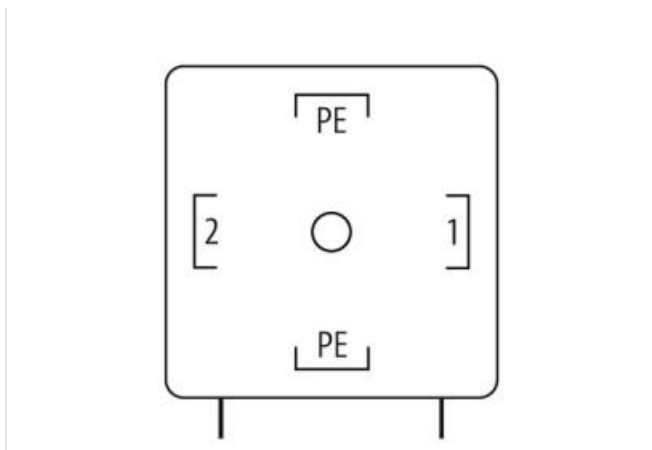
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

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

Male
female contacts





Product may differ from Image

Form

Form 77721

Technical Data

Operating voltage	12...24 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	4-/2-pole
Material group	IEC 60664-1, category I
LED display	yellow
Locking of ports	MDC - Snap locking; MSUD - M3 (recommended tightening torque 0.4 Nm)
Protection	IP68 (AT06-4S) - IP65, IP66K, IP68 (MSUD)
Material	PA
Housing	Amphenol AT06-4S and valve plug (form A)
Additional suppressor	without components
Compression gland	M3x31 stainless steel 1.4305 (V2A)

General data

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Ni
Material (gasket)	Silicon
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable identification	754
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	40,7 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Diameter (core)	2× 0.75 mm ²
AWG	similar to AWG 18
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.7 mm ±5%

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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Color/numbering of wires	br, bl
Stranding combination	2 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 \pm 5 A
Outer-Ø (jacket)	5.0 mm \pm 5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	\pm 180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Product article number of manufacturer	7072-77721-7540100
Cable length	1 m