

**Valve plug MDC06-6s with cable**

PUR 6x0.75 bk UL/CSA+drag ch. 3m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

6...230 V AC/DC

6-pole

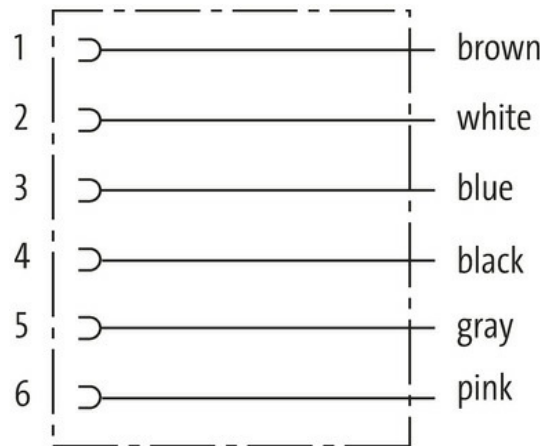
without components

Compatible with:

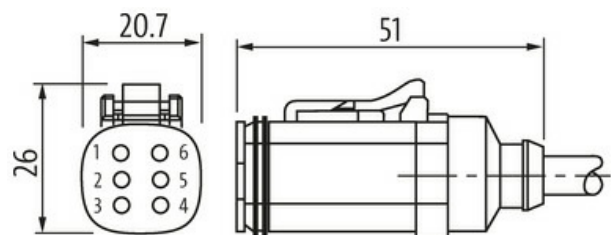
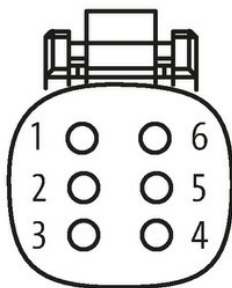
Deutsch DT06-6S

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**

Male  
female contacts



Product may differ from Image

**Form**

Form 72221

**Technical Data**

Operating voltage 6...230 V AC/DC

Rated surge voltage 2.5 kV

Operating current per contact	max. 6 A
No. of poles	6-pole
Material group	IEC 60664-1, category III
LED display	no
Locking of ports	Snap-in connector
Protection	IP68 inserted and tightened
Material	PA
suitable for corrugated tube (internal Ø)	13 mm
Housing	Amphenol AT06-2S or Deutsch DT06-2S
Additional suppressor	without components

#### General data

Mounting method	inserted
Material (contact)	Copper alloy
Material (contact surface)	Ni
Material (gasket)	Silicon
Pollution Degree	2
Stripping length (jacket)	60 mm
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

Cable identification	572
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	89,1 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)	6× 0.75 mm <sup>2</sup>
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	1.85 mm ±5%
Color/numbering of wires	br, wh, bl, bk, gr, pk
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 ±5 A
Outer-Ø (jacket)	7.3 mm ±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 <sup>2</sup>
Torsion stress	±180°/m

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: 03/22

No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879692915
eClass	27279218
Packaging unit	1.000