

Valve plug MDC06-6s with cable

PUR 6x0.75 bk UL/CSA+drag ch. 1.5m

Xtreme - Outdoor

Further cable lengths on request.

Male straight

6...230 V AC/DC

6-pole

without components

Compatible with:

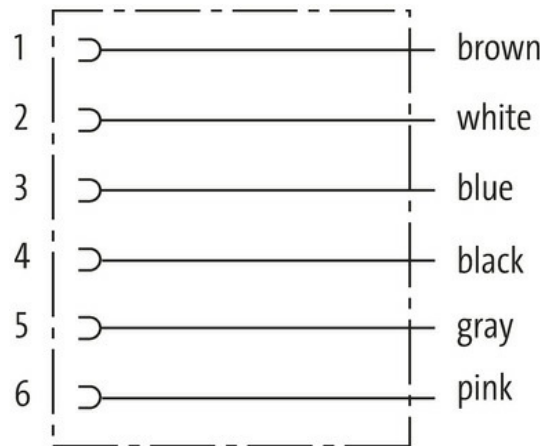
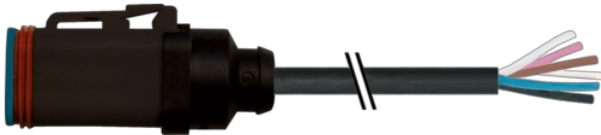
Deutsch DT06-6S

Plastic housings with good resistance against chemicals and oils.

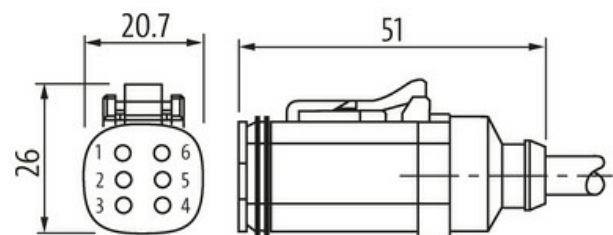
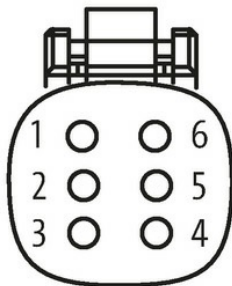
The resistance to aggressive media should be individually tested for your application. Further details on request.

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 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	1.85 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 ²
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	4048879685511
eClass	27279218
Packaging unit	1.000