

Valve plug MDC06-3s with cable

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

Xtreme - Outdoor

Further cable lengths on request.

Male straight

6...230 V AC/DC

3-pole

without components

Compatible with:

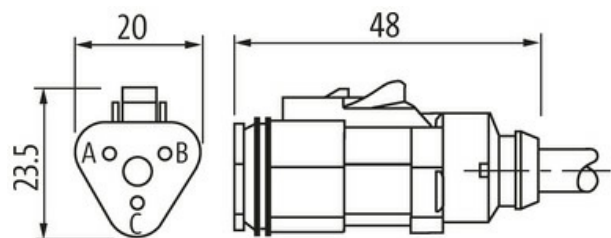
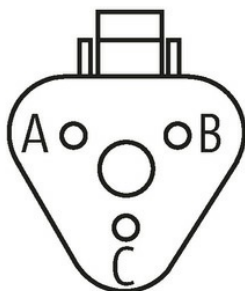
Deutsch DT06-3S

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 72081

Technical Data

Operating voltage 6...230 V AC/DC

Rated surge voltage 2.5 kV

Operating current per contact max. 8 A

No. of poles	3-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)	20 mm
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable identification	662
Cable Type	PUR-JB
Approval (cable)	UL (AWM-Style 20549/10978), CSA; CE conform
Cable weight [g/m]	53,9 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)	3× 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)	55 ±5 D
Wire-Ø incl. isolation	1.7 mm ±5%
Color/numbering of wires	br, bl, gnye longitudinally striped
Stranding combination	3 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)	80 ±5 A
Outer-Ø (jacket)	5.9 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant UL, CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²

Commercial data

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

country of origin	DE
customs tariff number	85444290
EAN	4048879842952
eClass	27279218
Packaging unit	1.000