

Valve plug MDC06-4s / M12 female 0° Xtreme

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

Xtreme - Outdoor Female straight - male straight Stainless steel 1.4305 (V2A/M12) 6...230 V AC/DC 4-pole without components compatibel to Deutsch DT06-4S

Plastic housings with good resistance against chemicals and oils.

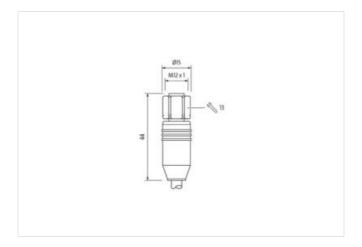
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

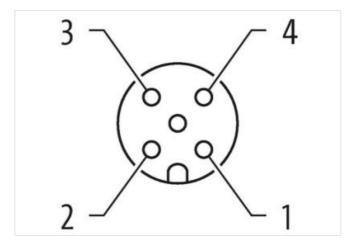
Link to Product

Illustration



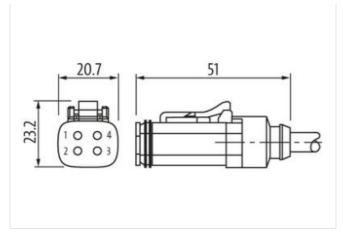


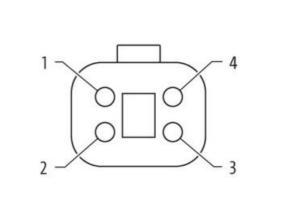






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Product may differ from Image

Cable length	4 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
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
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	T
Additional suppressor	without components
Mechanical data Material data	
Material gasket	Silicon
Locking material	Stainless steel 1.4305 (V2A)



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lounting method	inserted, screwed, Shaking protection
ooking techniques	Snap-in connector
Environmental characteristics Climatic	
perating temperature min.	-25 °C
Operating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
	depending on easie quality
mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
nstallation Cable	
rire arrangement	brown, black, blue, white
table identification	569
able Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
rire arrangement	brown, black, blue, white
able weigth	62,7 g/m
laterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	6.5 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	4
uter diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 5 %
hore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
viameter of single wires	0,15 mm
conductor crosssection (wire)	0.75 mm ²
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
lominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
current load capacity min. wire	9.6 A
lectrical resistance line constant wire	26 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
ower frequency withstand voltage (wire - icket)	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
V resistance	DIN EN ISO 4892-2 A
lame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical 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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min
Commercial data	
customs tariff number	85444290
GTIN	4065909100141
Packaging unit	1