

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

PUR 4x0.75 bk UL/CSA+drag ch. 3.5m

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

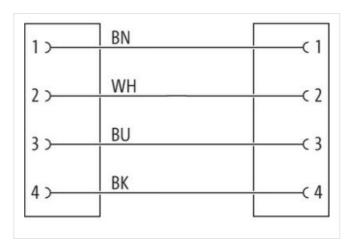
Plastic housings with good resistance against chemicals and oils.

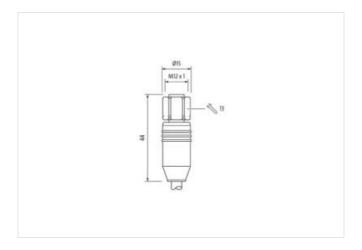
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

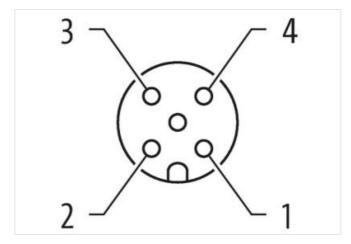
Link to Product

Illustration



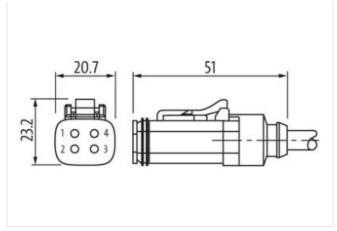


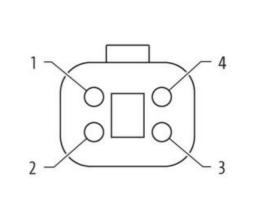






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Product may differ from Image

Cable length	3,5 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		
Commercial data			
ECLASS-6.0	27279218		
ECLASS-7.0	27279218		
ECLASS-8.0	27279218		
ECLASS-9.0	27060311		
ECLASS-10.1	27060312		
ECLASS-11.1	27060312		
ECLASS-12.0	27060312		
ETIM-5.0	EC001855		
customs tariff number	85444290		
GTIN	4065909009284	-	
Packaging unit	1		
Electrical data Supply			
Operating voltage AC min.	6 V		
Operating voltage AC max.	230 V		
Operating voltage DC min.	6 V		
operating voltage be filled.			



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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)	2,0 %		
Additional suppressor	without components		
Mechanical data Material data			
Material gasket	Silicon		
Locking material	Stainless steel 1.4305 (V2A)		
	Otaliless steel 1.7000 (VZA)		
Mechanical data Mounting data			
Mounting method	inserted, screwed, Shaking protection		
Looking techniques	Snap-in connector		
Environmental characteristics Climatic			
Operating temperature min.	-25 °C		
Operating temperature max.	85 °C		
Additional condition temperature range	depending on cable quality		
Important installation notes			
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		
Note 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			
Product standard	DIN EN 61076-2-101 (M12)		
Installation Cable			
·	F00		
Cable identification	569 3		
Cable Type Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires twisted		
wire arrangement	brown, black, blue, white		
Cable weigth	62,7 g/m		
Material jacket	PUR		
Shore hardness jacket	90 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket)	6,5 mm		
Tolerance outer diameter (sheath)	±5%		
Material wire insulation	PP		
Amount wires	4		
Outer diameter insulation	1,85 mm		
Outer diameter tolerance core insulation	±5%		
Shore hardness wire insulation	70 ± 5 Shore D		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Amount strands (wire)	42		
Diameter of single wires	0,15 mm		
Conductor crosssection (wire)	0,75 mm ²		
Material conductor wire	Stranded copper wire, bare		
Conductor type (wire)	strand class 6		
Traversing distance (C-track)	10 m @ 25 °C horizontal		



Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical 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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min