

Valve plug MDCY06-4s / 2x MDC06-2s

PUR 2x0.75 bk UL/CSA+drag ch. 0.3m

Xtreme - Outdoor Y connector Male straight 6...230 V AC/DC 4-pole - 2-pole

compatible to Deutsch DT06-4S and Deutsch DT06-2S

without components

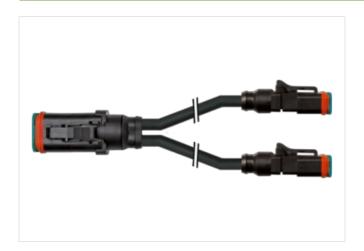
Plastic housings with good resistance against chemicals and oils.

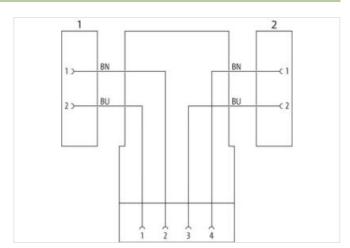
The resistance to aggressive media should be individually tested for your application. Further details on request.

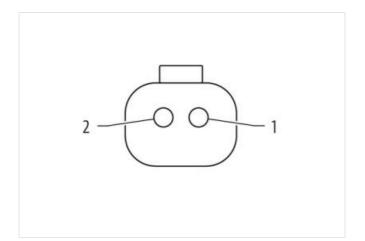
Further cable lengths on request.

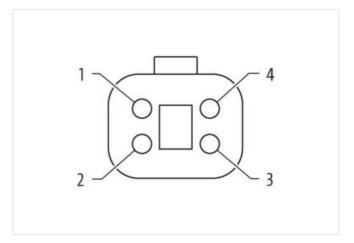
Link to Product

Illustration



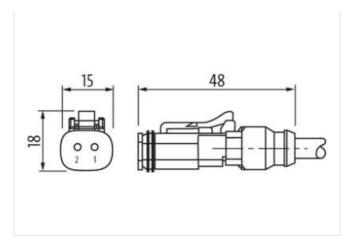


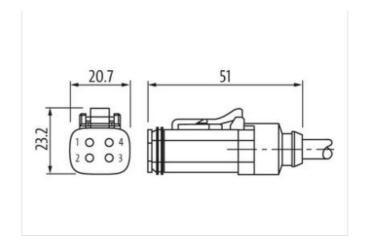






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Product may differ from Image







Cable length	0,3 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-4S
Material contact	Copper alloy
No. of poles	4
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-2S
Material contact	Copper alloy
No. of poles	2
Side 3	
Family construction form	Amphenol AT06-2S
Material contact	Copper alloy
No. of poles	2
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	4048879764711
Packaging unit	1
Electrical data Supply	
Operating voltage AC min.	6 V
Operating voltage AC max.	230 V

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Operating voltage DC min.	6 V
Operating voltage DC max.	230 V
Current operating per contact max.	8 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Additional suppressor	without components
Mechanical data Material data	
Material gasket	Silicon
Material housing	PA
Mechanical data Mounting data	
Looking techniques	Snap-in connector
Environmental characteristics Climatic	· · · · · · · · · · · · · · · · · · ·
·	05.00
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.
Installation Cable	
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Cable identification	754
·	754 3
Cable identification	
Cable identification Cable Type	3
Cable identification Cable Type Jacket Color	3 black
Cable identification Cable Type Jacket Color Type of Certificate	3 black cURus
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	3 black cURus 1
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding	3 black cURus 1 2 wires twisted
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	3 black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket	3 black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket	3 black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5 mm ± 5 %
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 5 mm ± 5 % PP
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP
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Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 2 1,7 mm ± 5 %
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Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 2 1,7 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 2 1,7 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 42 0,15 mm 0,75 mm² Stranded copper wire, bare
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track) Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	black cURus 1 2 wires twisted brown, blue 10 m @ 25 °C horizontal 40,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 5 mm ± 5 % PP 2 1,7 mm ± 5 % 70 ± 5 Shore D lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 42 0,15 mm 0,75 mm²

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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 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	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
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