

**Valve plug MDCY06-4s / 2x MDC06-3s**

PUR 3x0.5 gy UL/CSA+drag chain 7.5m

Xtreme - Outdoor

Y connector

Further cable lengths on request.

Male straight – male straight

6...230 V AC/DC

without components

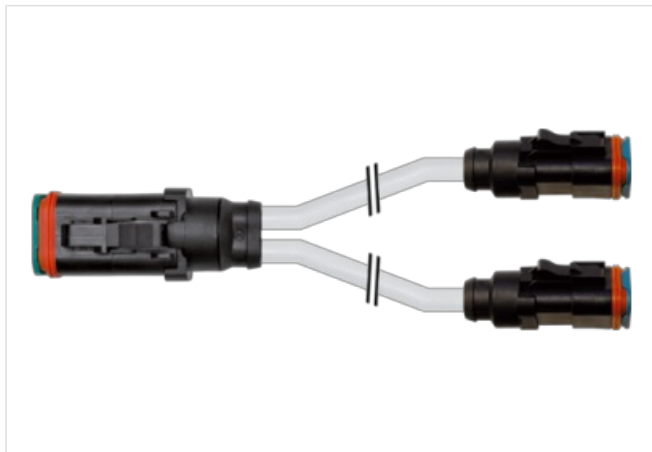
Compatible with:

Amphenol AT06-2S or Deutsch DT06-2S

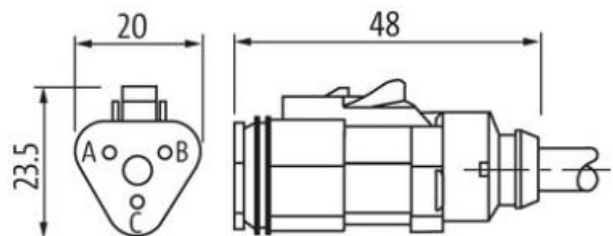
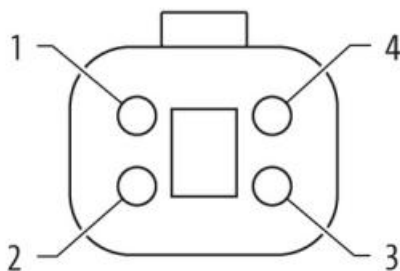
Amphenol AT06-2S or Deutsch DT06-2S

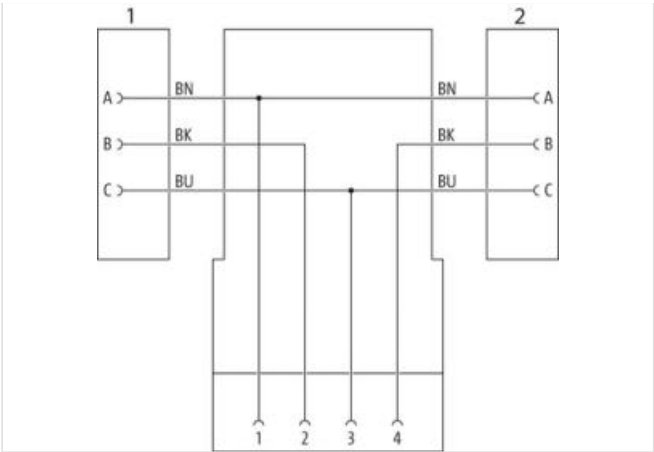
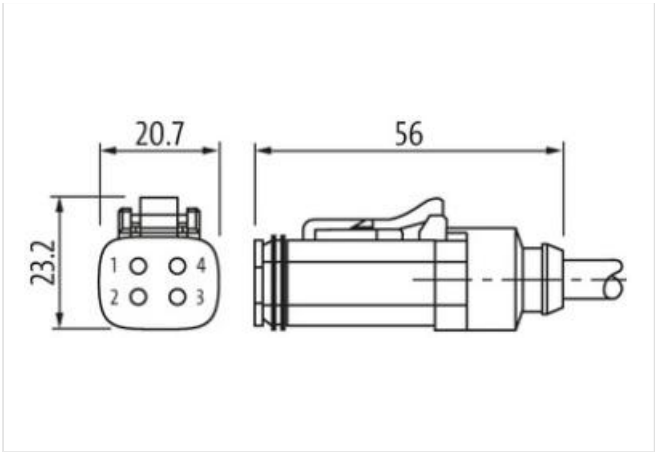
Plastic housings with good resistance against chemicals and oils.

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

Cable length	7,5 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	MDC
Material contact	Copper alloy
No. of poles	4
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-3S
Material contact	Copper alloy
No. of poles	3
Side 3	
Family construction form	Amphenol AT06-3S
Material contact	Copper alloy
No. of poles	3
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	4065909025130
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 DC max.	230 V
Current operating per contact max.	4 A
Diagnostics	

Status indication LED no

#### Installation | Connection

Family construction form Amphenol AT06-4S

#### 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

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

#### Installation | Cable

Cable identification	428
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weight	47,3 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)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,4 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)	28
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,5 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	10 Mio. @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 A
Electrical resistance line constant wire	39 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
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m