

Valve plug MDC06-2s short LED+Diode with cable

PUR 2x1.5 bk ADR 5m

Xtreme - Outdoor

Male straight

Further cable lengths on request.

12...24 V DC

2-pole

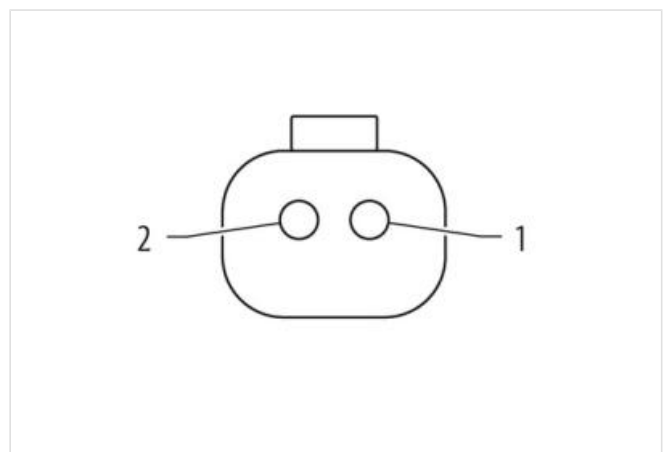
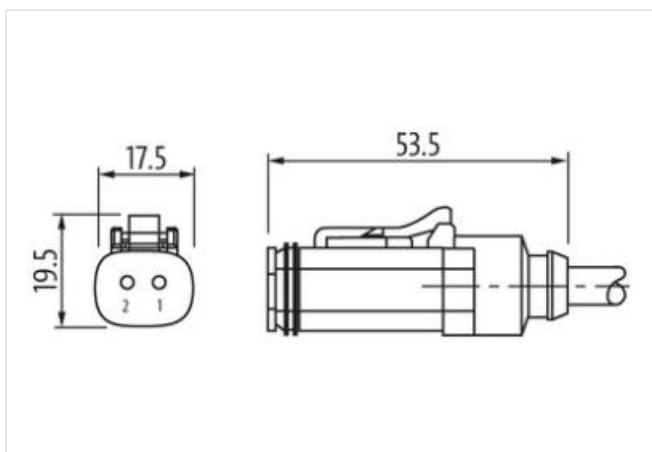
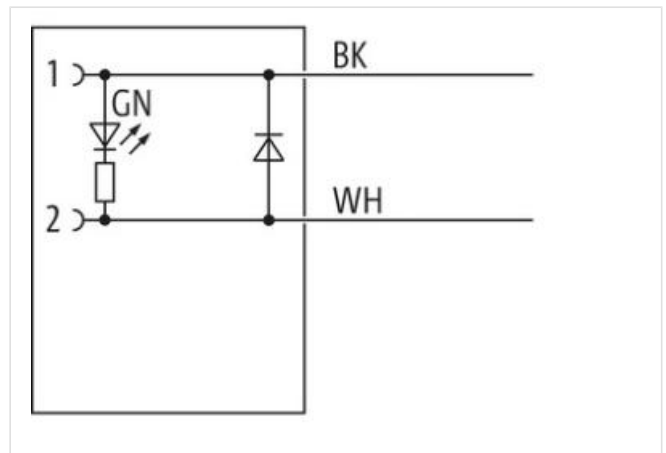
Flyback diode + LED

Compatible with:

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**

Product may differ from Image



Cable length 5 m

Side 1

Mounting method	inserted
Coating contact	nickel plated
Family construction form	MDC
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
No. of poles	2

Side 2

Stripping length (jacket)	20 mm
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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	4048879845687
Packaging unit	1

Electrical data | Supply

Operating voltage DC min.	12 V
Operating voltage DC max.	24 V
Current operating per contact max.	8 A

Diagnostics

Status indication LED	green
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Installation | Connection

Stripping length (jacket)	20 mm
Family construction form	Amphenol AT06-2S

Device protection | Electrical

Degree of protection (ISO 20653:2013)	IP66K, IP68, IP69K
Pollution Degree	2
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	III
Additional suppressor	free-wheeling diode

Mechanical data | Material data

Material gasket	Silicon
Material housing	PA

Mechanical data | Mounting data

Looking techniques	Snap-in connector
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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	484
Jacket Color	black
Type of Certificate	cURus

Amount stranding	1
Stranding	2 wires twisted
wire arrangement	black, white
Cable weight	73,7 g/m
Material jacket	PUR
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	2
Outer diameter insulation	2,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	41 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Resistances wire insulation	hydrolysis-resistant, microbe-resistant
Amount strands (wire)	30
Diameter of single wires	0,25 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	18 A
Electrical resistance line constant wire	13,7 Ω/km @ 20 °C
Nominal voltage power AC max.	60 V
Electric capacitance (power)	50000 pF/km
Power frequency withstand voltage power (wire - jacket)	2 kV @ 300 s
AC withstand voltage power (wire - wire)	2 kV @ 300 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	85 °C
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	12 x Outer diameter