

Valve plug MDC06-2s with cable LED

PUR 2x0.75 ye UL/CSA+drag ch. 1m

Art.No.: 7072-72021-1450100

Weight: 0.053

Country of origin: DE

Model designation: MSTDL4-G145_1.0-S72_lo

Xtreme - Outdoor

Further cable lengths on request.

Male straight

12...30 V AC/DC

2-pole

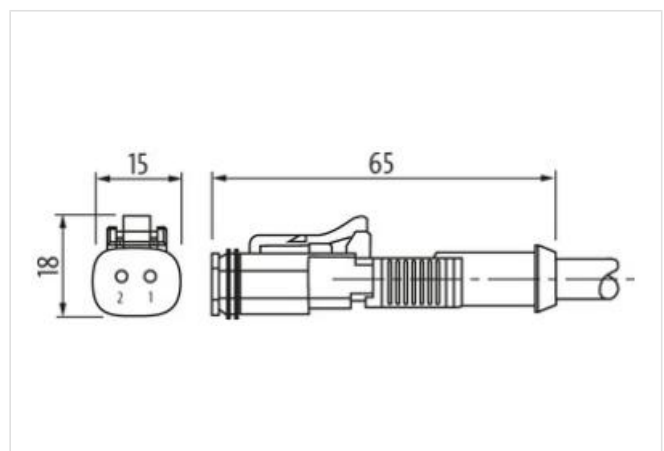
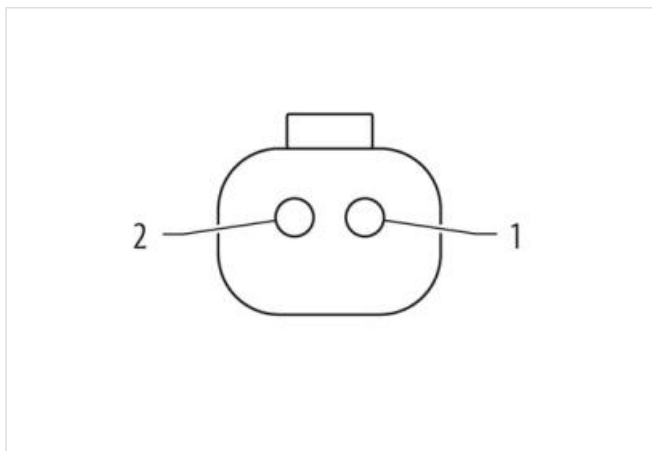
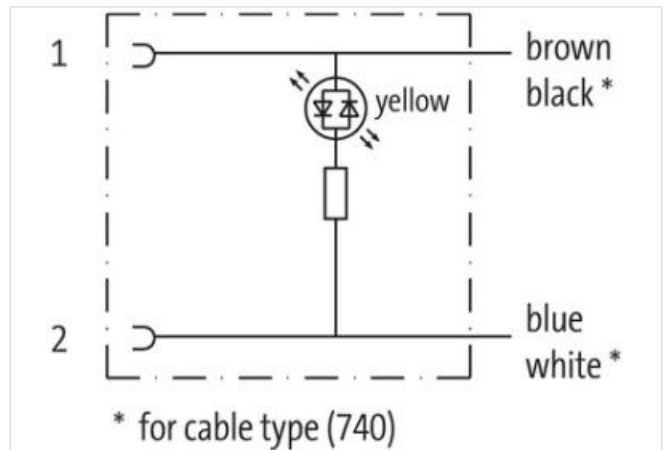
LED (yellow)

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 1 m

Side 1

The information in this Product-PDF has been compiled with the utmost care.
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suitable for corrugated tube (internal Ø) 11 mm

Side 2

Stripping length (jacket) 20 mm

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
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879505222
EAN	4048879505222
EAN	4048879505222
Packaging unit	1
Packaging unit	1
Packaging unit	1

Electrical data | Supply

Operating voltage AC min.	12 V
Operating voltage AC max.	30 V
Operating voltage DC min.	12 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED yellow

Installation | Connection

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

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Material housing	PA
Material gasket	Silicon

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	145
Cable Type	3

Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
wire arrangement	brown, blue
Cable weight	40,7 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)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	1,7 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 mm²
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	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
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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 stress	± 180 °/m
Torsion speed	35 cycles/min