

MJC 90° with cable LED V2A

PUR 2x0.5 bk drag ch. 3m

Art.No.: 7072-70321-7400300

Weight: 0.115 kg

Country of origin: DE

Model designation: MSUDK-TBB1L-740_3.0-S72

Xtreme - Outdoor

Female 90°

12...24 V AC/DC

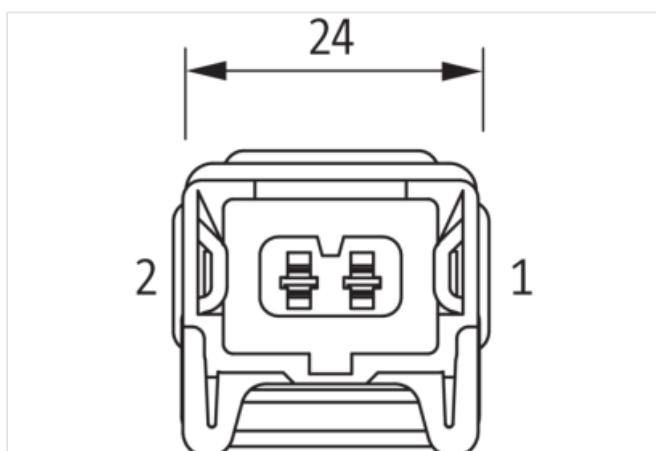
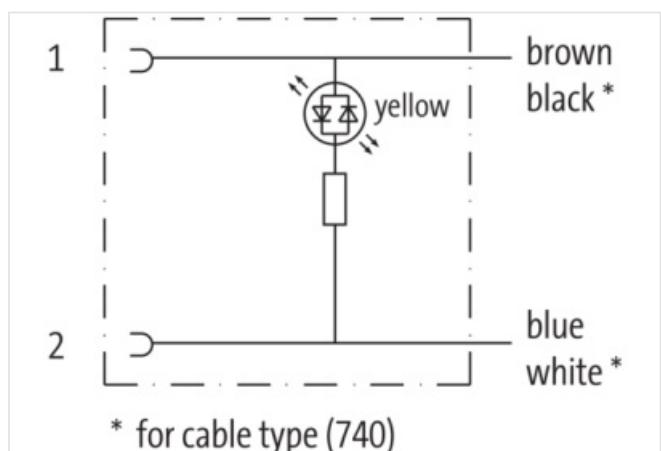
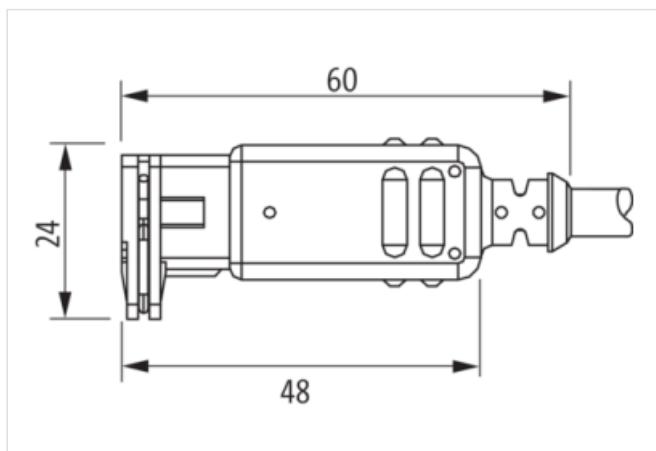
LED

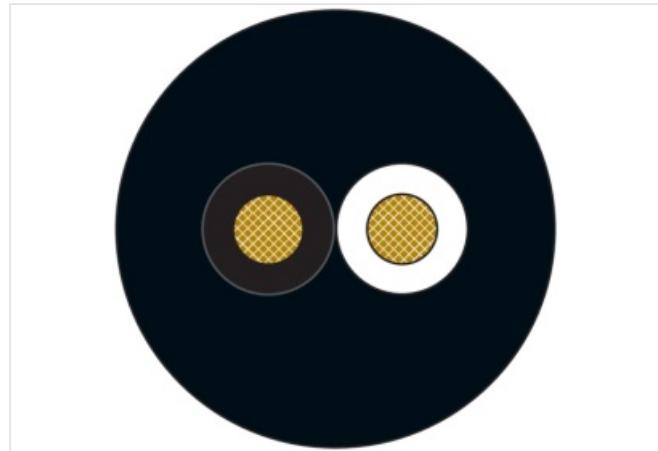
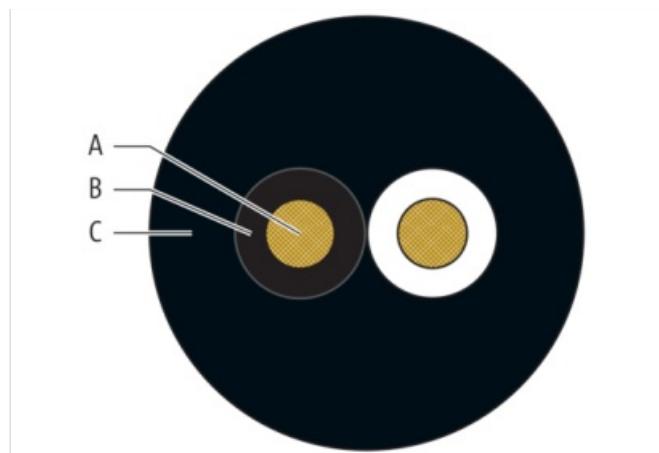
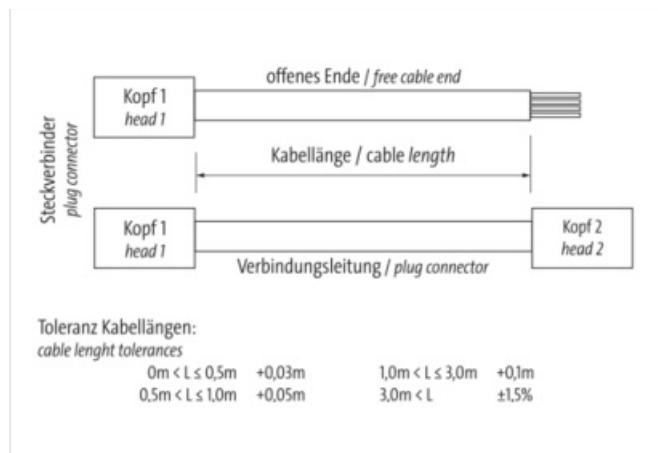
Stainless steel 1.4305 (V2A)

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




Product may differ from Image



Header

Material short text MSUDK-TBB1L-740_3.0-S72

Cable length 3,00 m

Commercial data

URL Webshop <https://shop.murrelektronik.com/7072-70321-7400300>

GTIN 4048879312479

ECLASS-6.0 27279218

ECLASS-6.1 27279218

ECLASS-7.0 27279218

ECLASS-7.1 27279218

ECLASS-8.0 27279218

ECLASS-8.1 27279218

ECLASS-9.0 27060312

ECLASS-9.1 27060312

ECLASS-10.0.1 27060312

ECLASS-10.1 27060312

ECLASS-11.0 27060312

ECLASS-11.1 27060312

ECCLASS-12.0	27060312
ECCLASS-13.0	27060312
ECCLASS-14.0	27060312
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879312479
Packaging unit	1

Electrical data | Supply

Operating voltage AC min.	12 V
Operating voltage AC max.	24 V
Operating voltage DC min.	12 V
Operating voltage DC max.	24 V
Current operating per contact max.	4 A
Current consumption max.	12 mA

Diagnostics

Status indication LED	yellow
-----------------------	--------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65
Additional condition protection degree	locked, inserted

Device protection | Media

Flame resistance	flame retardant
------------------	-----------------

Mechanical data | Material data

Material housing	Plastic
Color housing	black
Locking material	Stainless steel 1.4305 (V2A)

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 bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Installation | Cable

Cable identification	740
Amount stranding	1
Stranding	2 wires stranded
Wire arrangement	black, white
Cable weight	33 g/m
Material wire insulation	TPE-E
Amount wires	2
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	70 ± 3 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²

Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	85 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	39 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	9 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	90 °C
Other resistances	resistant to hydrolysis, resistant to microbes
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s² @ 25 °C