

MJC 90° with cable LED+VDR

RADOX EM 104 2x0.75 bk 10m

Art.No.: 7080-70361-R211000

Weight: 0.508 kg

Country of origin: DE

Model designation: MSUDK-TBB1X-R21_10.0-S80

Female 90°

12...24 V AC/DC

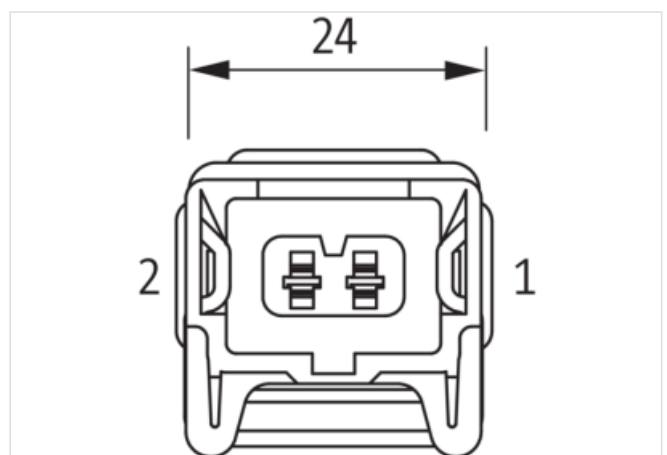
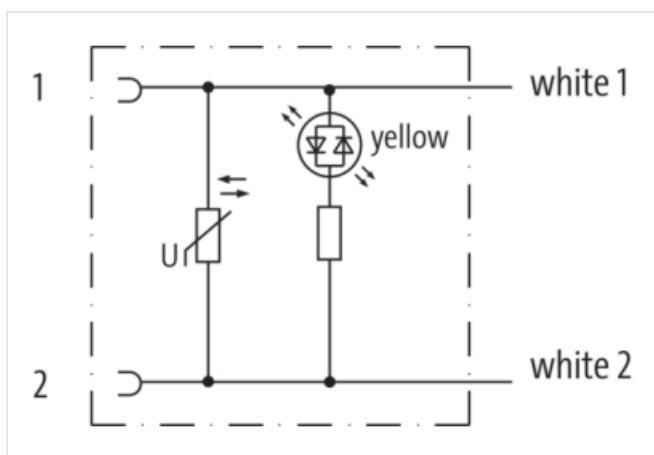
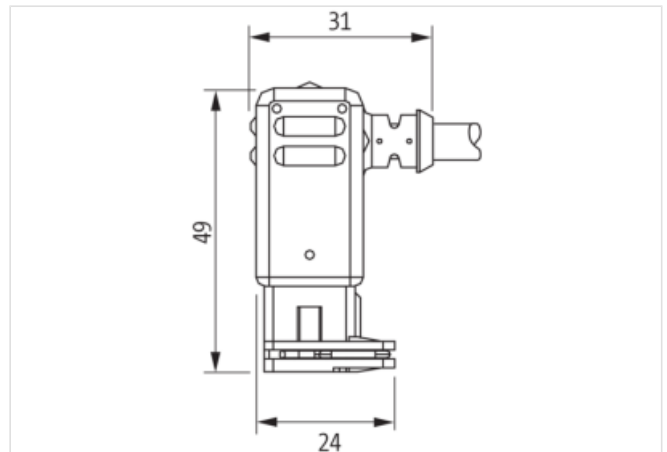
LED and VDR

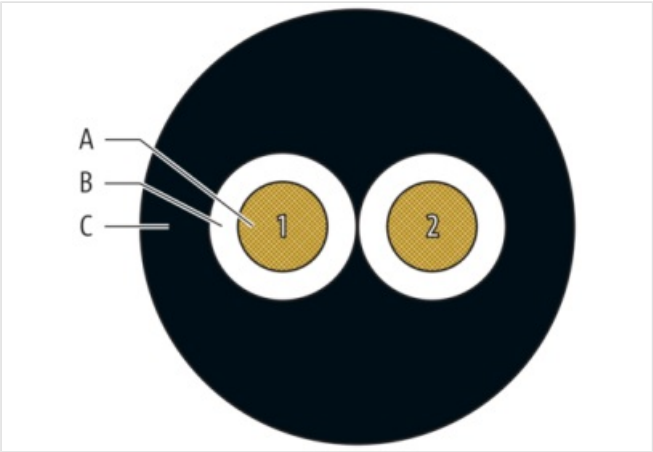
with cable sleeves

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-TBB1X-R21_10.0-S80
Cable length	10,00 m
Side 2	
Stripping length (jacket)	50 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7080-70361-R211000
GTIN	4048879698948
ECLASS-6.0	27279221
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
ECLASS-12.0	27060312
ECLASS-13.0	27060312
ECLASS-14.0	27060312
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879698948
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

Diagnostics

Status indication LED	yellow
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Device protection | Electrical

Pollution Degree	3
Additional suppressor	Varistor
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Device protection | Media

Flame resistance	flame retardant
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Mechanical data | Material data

Material housing	Plastic
Color housing	black

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	R21
Amount stranding	1
Stranding	2 wires stranded
Cable weight	44 g/m
Material wire insulation	Radox EI 303
Amount wires	2
Outer diameter insulation	1,62 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Printing color of wire insulation	black (white isolation)
Printing spacing of wire insulation	15 mm
Amount strands (wire)	24

Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	4,75 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	Radox EM 104
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	26.7 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	600 V
Max. rated voltage (conductor - conductor)	1.000 V
Withstand voltage (wire - wire)	3.5 kV @ 60 s
Withstand voltage (wire - jacket)	3.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	12 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	120 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	IEC 60332-1-2, IEC 60332-3-24, IEC 60332-3-25
Oil resistance	IRM 902 @ 100°C, 72 h, IRM 903 @ 70°C, 168 h
Bending radius (fixed)	3 × Outer diameter
Bending radius (dynamic)	4 × Outer diameter