

Y-Distributor M12 / MSUD valve plug BI-11mm

PUR 3x0.75 bk UL/CSA+drag ch. 1m

Y connector

Plastic housings with good resistance against chemicals and oils.

Further cable lengths on request.

Male straight – male 90°

M12, 4-pole

A-coded

MSUD

Form BI (11 mm)

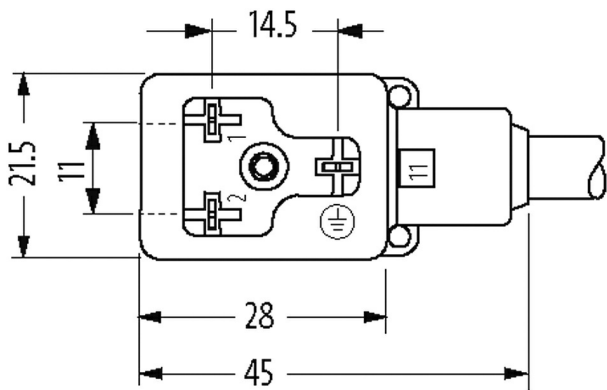
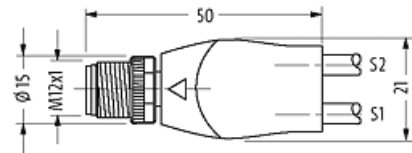
LED (yellow)

Diode/Z-Diode

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

[Link to Product](#)

Illustration



Height: 30 mm





Product may differ from Image

**Form**

Form 42421

Technical DataOperating voltage 24 V AC $\pm 20\%$ / DC $\pm 25\%$

Rated surge voltage 0.8 kV

Operating current per contact max. 4 A

No. of poles MSUD (3); M12 (4)

Current consumption 15 mA

Material group IEC 60664-1, category I

Switch off peak max. 55 V

Coding A-coded

LED display yellow

Locking of ports M3/M12 \times 1 mm (recommended torque 0.4/0.6 Nm)

Compression gland M12 (SW13)

Protection IP67 inserted and tightened (EN 60529)

Material MSUD (PBT); M12 (PUR)

Locking material Zinc die casting, matte nickel plated

suitable for corrugated tube (internal \varnothing) without

Additional suppressor Diode/Z-Diode

General data

Standards DIN EN 61076-2-101 (M12)

Mounting method inserted, tightened

Material (contact) Copper alloy

Material (contact surface) MSUD (Ag); M12(Au)

Material (gasket) PUR

Pollution Degree 3

Temperature range -25...+85 °C, depending on cable quality

CablesNo./diameter of wires 3 \times 0.75 mm²

Wire isolation PP (bk num, gnye)

C-track properties 10 Mio.

Material (jacket) PUR (UL/CSA)

Outer \varnothing 5.9 mm $\pm 5\%$ Bend radius (moving) 10 \times outer \varnothing

Temperature range (fixed) -40...+80 °C

Temperature range (mobile) -25...+80 °C

Cable identification	636
Cable Type	3 (PUR)
Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Cable weight [g/m]	56,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 26 Ω /km (20 °C)
Single wire \varnothing (core)	0.15 mm
Construction (core)	42x 0.15 mm (multi-strand wire class 6)
Diameter (core)	3x 0.75 mm ²
AWG	similar to AWG 18
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 \pm 5 D
Wire- \varnothing incl. isolation	1.85 mm \pm 5%
Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 \pm 5 A
Outer- \varnothing (jacket)	5.9 mm \pm 5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5x outer \varnothing
Bend radius (moving)	10x outer \varnothing
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	\pm 180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879142823
eClass	27143423
Packaging unit	1