

**Y-Distributor M12 male / M12 female 90° A-cod. LED**

PVC 3x0.34 ye UL/CSA 1m

Y-connector M12 – M12, 4/3-pole

Male straight – females 90°

A-coded

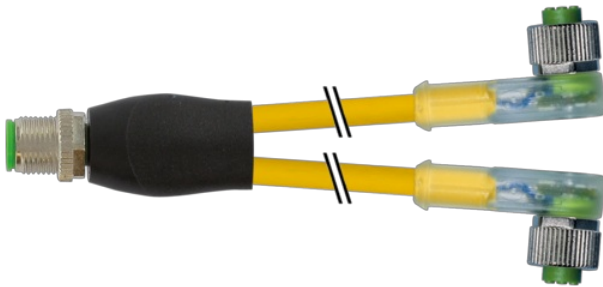
LED (yellow/green)

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

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



\* only for products with UL/CSA approved cable

**Form**

Form 40781

**Technical Data**

Operating voltage	24 V DC $\pm 25\%$
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	4-/3-pole
Current consumption	5 mA
Material group	IEC 60664-1, category I
LED display	yellow/green
Locking of ports	Screw thread (M12x1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	10 mm

**General data**

Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

Cable identification	013
Cable Type	1 (PVC)
Approval (cable)	cURus (AWM-Style 2464/1731), CE-conform
Cable weight [g/m]	34,1 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 $\Omega$ /km (20 °C)
Single wire Ø (core)	0.15 mm

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Diameter (core)	3× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flammwidrig nach UL 1581 VW1 / CSA FT1 / IEC 60332-1-2
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879417402
eClass	27279218
Packaging unit	1.000