

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

PUR 3x0.34 gy UL/CSA+drag ch. 1m

Y-connector M12 - M12, 4/3-pole Male straight - females 90° A-coded LED (yellow/green)

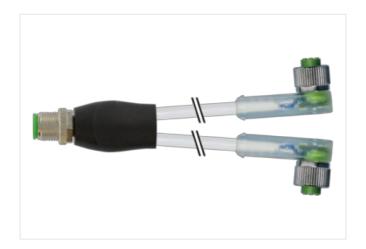
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils.

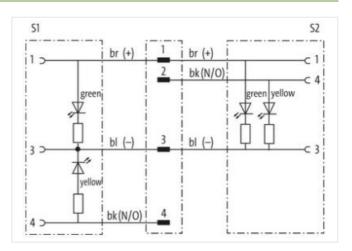
The resistance to aggressive media should be individually tested for your application. Further details on request.

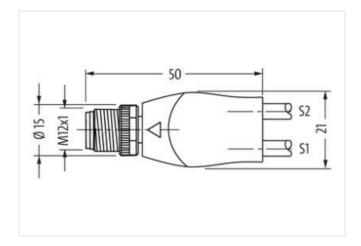
Further cable lengths on request.

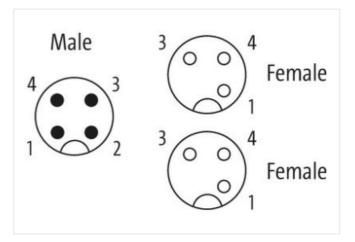
Link to Product

Illustration



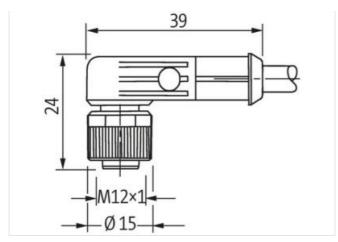








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Product may differ from Image





* only for products with UL/CSA approved cable

Technical Data Operating voltage 24 V DC ±25% Operating voltage (only UL listed) 30 V DC Alated surge voltage (only UL listed) 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 LED displa	Form	
Departing voltage 24 V DC ±25%	Form	40781
20	Technical Data	
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Deparating current per contact max. 4 A	Operating voltage (only UL listed)	30 V DC
Value Val	Rated surge voltage	0.8 kV
Current consumption 5 mA Material group IEC 60664-1, category I LED display yellow/green Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing 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 Compression gland M12 (SW13) General data Standards Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (pasket) FKM Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable selection 233 Cable trype 3 (PUR) Approval (cable) current (297, 9) Material (wire) Cu wire, bare Resistor (core) max. 57 Ø/km (20 °C)	Operating current per contact	max. 4 A
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Standards DIN EN 61076-2-101 (M12) Mounting method inserted, tightened Material (contact) Copper alloy Material (gasket) FKM Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 233 Cable identification 233 Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 29,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Compression gland	M12 (SW13)
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Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality Cables Cable identification 233 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 29,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Material (contact surface)	Au
Temperature range -25+85 °C, depending on cable quality Cables Cable identification 233 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 49,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Material (gasket)	FKM
CablesCable identification233Cable Type3 (PUR)Approval (cable)cURus (AWM-Style 20549/10493); CE conformCable weight [g/m]29,7 gMaterial (wire)Cu wire, bareResistor (core)max. 57 Ω/km (20 °C)	Pollution Degree	3
Cable identification 233 Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 29,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Temperature range	-25+85 °C, depending on cable quality
Cable Type 3 (PUR) Approval (cable) cURus (AWM-Style 20549/10493); CE conform Cable weight [g/m] 29,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Cables	
Approval (cable) CuRus (AWM-Style 20549/10493); CE conform Cable weight [g/m] Auterial (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Cable identification	233
Cable weight [g/m] 29,7 g Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Cable Type	3 (PUR)
Material (wire) Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C)	Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
Resistor (core) max. 57 Ω/km (20 °C)	Cable weight [g/m]	29,7 g
	Material (wire)	Cu wire, bare
Single wire Ø (core) 0.1 mm	Resistor (core)	max. 57 Ω/km (20 °C)
	Single wire Ø (core)	0.1 mm

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13



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Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	3× 0.34 mm²
AWG	similar to AWG 22
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±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)	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 ±5 A
Outer-Ø (jacket)	4.1 mm ±5%
Color (jacket)	gray
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)	5× outer Ø
Bend radius (moving)	10× outer Ø
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	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Product article number of manufacturer	7000-40781-2330100
Cable length	1 m