

M12 female 90° A-cod. with cable LED

PVC 3x0.34 ye UL/CSA 3m

Female 90° M12, 3-pole 2× LED (PNP)

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

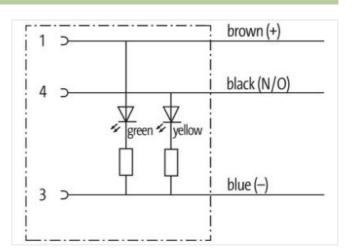
Plastic housings with good resistance against chemicals and oils.

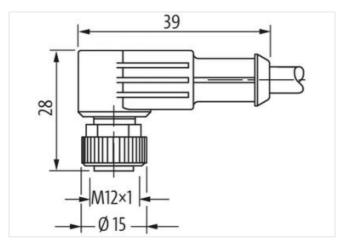
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

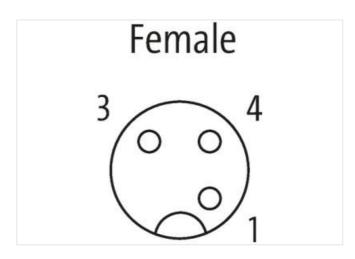
Link to Product

Illustration









Product may differ from Image







12381



* only for products with UL/CSA approved cable

Form

Form

Technical Data



stay connected

	Operating voltage	24 V DC ±25%
Circumstructure Circumstru	Operating voltage (only UL listed)	30 V DC
Meterial group	Rated surge voltage	0.8 kV
Coding A-coded LED display (yellow/grebr) Locking of ports Screw thread (MIZ-1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP60, IP606, IP67 insented and lightened (EN 60529) Material PUR Locking material Zinc die casting, mate nickel plated suitable for compared rube (internal (2)) 10 mm General dist Standards Mustrial contact) Copper alloy Mustrial contact undrech Au Mustrial contact undrech 20 mm Temperature range -25 - +85 °C, depending on cable quality Cable Cable deviation Cable identification 013 Cable deviation (active) 019 (SWN) Style 24641731), CE conform Cable Type 1 (PVC) Approval (active) 0 uvric, bare	Operating current per contact	max. 4 A
LED display (yellowigneen) Locking of ports Soew thread (M12x1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IPSS, IPSSE, IPSSE, IPSSE inserted and typtened (EN 00529) Marterial PUR Locking material Zino die casting, matte nickel plated suitable for corrugated tube (internal 2) Jür odie casting, matte nickel plated suitable for corrugated tube (internal 2) Jür odie casting, matte nickel plated Standards DIN EN 6 (076-2-101 (M12) Mounting method inserted, tightened Material (contact surface) Au Material (contact surface) Au Material (contact surface) PK4 Pollution Dogroe 3 Stripping length (schot) 20 mm Cable identification 013 Cable identification 013 Cable identification 014 Cable identification 015 Cable identification 018 Cable identification 018 Cable identification 019 Cable identification	Material group	IEC 60664-1, category I
Locking of ports Screw thread (M12+1 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, mate nickel plated suriable for corrugated tube (internal 0) 10 mm General data Standards Bindards DIN EN 51076-2-101 (M12) Mounting method inserted, lightened Material (contact) Copper alloy Material (contact) Au Material (pasket) FKM Pollution Degree 3 Stripping length (jacket) 20 mm Temporature range -25485 °C, depending on cable quality Cable Cable (identification Cable (approval) (acide) 0 mm Cable (weight [g/m] 34 1 g Autorial (wire) Cu wire, bare Cable (weight [g/m] 34.1 g Cable (weight [g/m] 34.1 g Cable (weight [g/m] 34.7 g Cable (weight [g/m] 34.7 g Carbitation	Coding	A-coded
Compression gland M12 (SW13) Protection IP65, IP66K, IP67 inserted and sightened (EN 60529) Material PUR Locking material Zinc die casting, mate nickel plated suitable for corrugated tube (internal 0) 10 mm General data DIN EN 61076-2-101 (M12) Mounting method inserted, lightened Material (contact surface) Au Material (pasket) FKM Pollution Degree 3 Stripping longity (jacket) 20 mm Temperature range 25 - 488 °C, depending on cable quality Cable dentification 013 Cable identification 013 Cable identification 014 Cable in yell 1 (PVC) Approval (cable) outrue, bare Approval (cable) outrue, bare Cable vigen 1 (PVC) Approval (cable) outrue, bare Cable vigen (core) 34,1 g Resistor (core) max. 57 Ω/km (20 °C) Single wie (locre) 0.15 mm Construction (core) 19 - 0.15 mm (multi-strand	LED display	(yellow/green)
Protection IP65, IP66K, IP67 inserted and lightened (EN 00529) Material PUR Locking material Zin die casting, matte nickel plated suitable for corrugated tube (internal 0) 10 mm General dats DIN EN 61076 2-101 (M12) Stundards DIN EN 61076 2-101 (M12) Mounting method inserted, tiphtened Material (contact) Copper alloy Material (gaskel) PKM Publistion Degree 3 Stripping length (jacket) 20 mm Temperature range 2585 °C, depending on cable quality Cables Cables Cable identification 013 Cable in (pp.) 1 (PVC) Approval (cable) cURLs (AWM-Style 2484/1731), CE-conform Cable registry 1 (PVC) Approval (cable) cURLs (AWM-Style 2484/1731), CE-conform Cable registry 1 (PVC) Cable registry 1 (PVC) Cable registry 1 (PVC) Carrier (core) max. 57 (2km (20°C) Single we Q (core) 0.15 mm Core (core)	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
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Mounting method inserted, tightened Material (contact surface) Au Material (gasket) FKM Pollution Degree 3 Stripping langth (jacket) 20 mm Temperature range -25 +95 °C, depending on cable quality Cable indentification Cable indentification 013 Cable Type 1 (PVC) Approval (cable) cURus (AWM-Style 2464/1731), CE-conform Cable weight (grin) 34,1 g Material (wire) Cu wire, bare Resistor (core) max. 57 O/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19 v. 0.15 mm (multi-strand wire class 5) Diameter (core) 3x 0.34 mm² AWG similar to AWG 22 Material property (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% Colorinumbering of wires br, bk, bl Stranding combination 3 wires twisted	General data	
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Material (contact) Copper alloy Material (contact surface) Au Material (spake) FKM Pollution Degree 3 Stripping length (jacket) 20 mm Temperature range 25+85 °C, depending on cable quality Cables Cablesidentification 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. 75 /2Mx (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 19× 0.15 mm (multi-strand wire class 5) Diameter (core) 3x 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) CFC- cadmium, silicone- and lead-free Wire-Ø incl. isolation 1.25 mm ±5% Color/mubering of wires br, bk, bl Stranding combination 3 wires twisted Stread property (jacket) CFC, cadmium, silicone- and lead-free <	Mounting method	. ,
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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		
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Material (jacket) Material property (jacket) CFC-, cadmium-, silicone- and lead-free Shore hardness (jacket) 85 ±5 A Outer-Ø (jacket) 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	Stranding combination	3 wires twisted
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	Shield	no
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	Material (jacket)	PVC
Outer-Ø (jacket) 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	Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Outer-Ø (jacket) 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	Shore hardness (jacket)	85 ±5 A
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	Outer-Ø (jacket)	4.6 mm ±5%
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		yellow
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	chemical resistance	good resistance to oil, gasoline and chemicals
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	thermal resistance	
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C	Nominal voltage	
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C	Test voltage	2000 V AC
Temperature range (fixed) -30+80 °C		to DIN VDE 0298-4
	Temperature range (fixed)	-30+80 °C

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: 2022-09-02



Bend radius (fixed) 5× outer Ø

Bend radius (moving) 10× outer Ø

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