

M12 male 0° / M8 female 90° LED

PVC 3x0.25 ye UL/CSA 2m

Male straight – female 90°

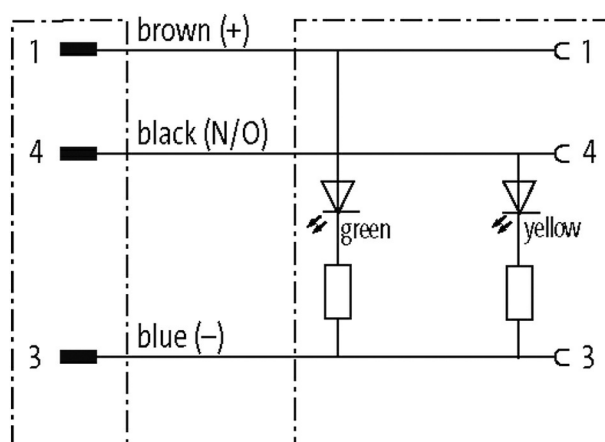
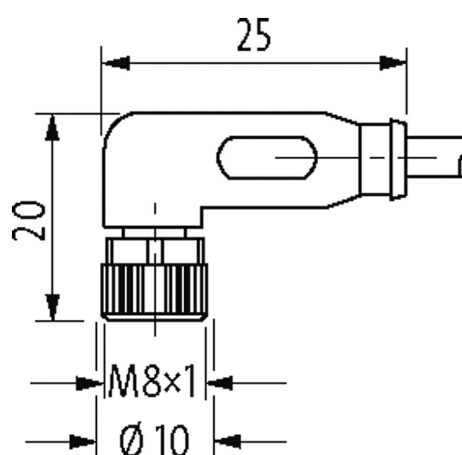
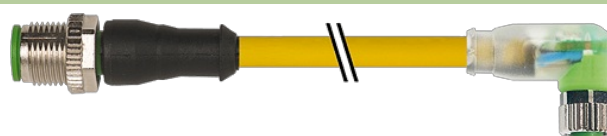
M12 – M8, 3-pole

LED (yellow/green)

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

Approvals



* only for products with UL/CSA approved cable

Form

Form 40641

General data

Standards	DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	3 × 0.25 mm ²
Wire isolation	PVC (br, bl, bk)
Jacket Color	yellow
Material (jacket)	PVC (UL/CSA)
Outer Ø	4.5 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	010
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	29,37
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	14 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	3 × 0.25 mm ²
AWG	similar to AWG 24
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)	4.5 mm ±5%
Color (jacket)	yellow
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
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

Technical Data

Operating voltage 24 V DC ±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 3

Current consumption 5 mA

Material group IEC 60664-1, category I

Coding M12, A-coded

LED display (yellow/green)

Locking of ports Screw thread (M8/M12×1 mm) recommended torque 0.4/0.6 Nm, self-securing

Compression gland M8 (SW9), M12 (SW13)

Protection IP66K, IP67 inserted and tightened (EN 60529)

Locking material Zinc die casting, matte nickel plated

Material PUR

suitable for corrugated tube (internal Ø) M12 (10 mm); M8 (6.5 mm)

Commercial data

country of origin DE

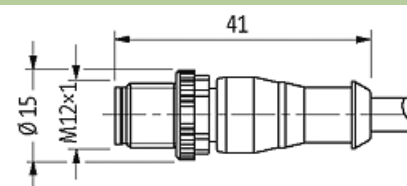
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eClass 27279218

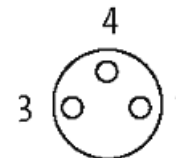
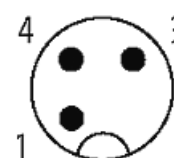
Packaging unit 1

Sketch



Male

Female



Product may differ from Image