

M12 male 0° / M12 female 0° A-cod. LED

PUR 5x0.34 bk UL/CSA 1m

Male straight – female straight

M12 – M12, 5-pole

3× LED (PNP), (NPN) on request

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

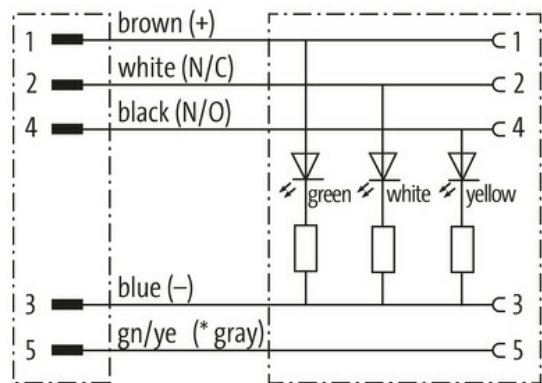
Plastic housings with good resistance against chemicals and oils.

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

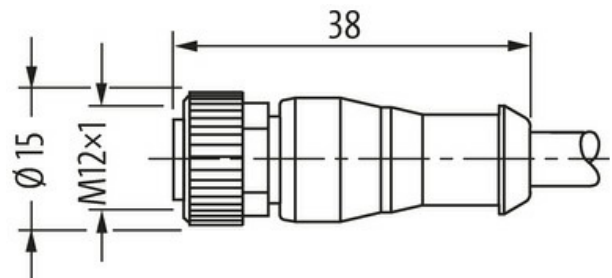
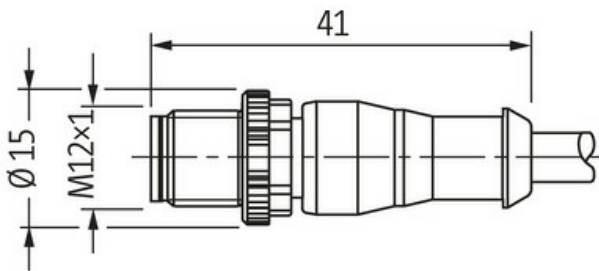
Further cable lengths on request.

[Link to Product](#)

Illustration

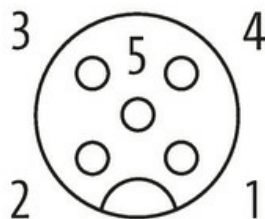
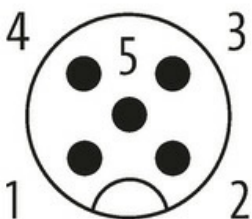


(* for cable type 126, 732, 219, 619)



Male

Female



Product may differ from Image



* only for products with UL/CSA approved cable

Form	
Form	40042
Technical Data	
Operating voltage	24 V DC $\pm 25\%$
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	LED (green): Power / LED (yellow): (S1) / LED (white): Signal (S2) port 1...4
Locking of ports	Screw thread (M12 \times 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, matte nickel plated
suitable for corrugated tube (internal \varnothing)	10 mm
General data	
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	625
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	54,78 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω /km (20 °C)
Single wire \varnothing (core)	0.1 mm
Construction (core)	42 \times 0.1 mm (multi-strand wire class 6)
Diameter (core)	5 \times 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	43 \pm 5 D
Wire- \varnothing incl. isolation	1.25 mm \pm 5%
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped
Stranding combination	5 wires twisted around central filler
Shield	no
Material (jacket)	PUR/PVC
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)	80 \pm 5 A (PVC-under jacket); 85 \pm 5 A (PUR-jacket)
Outer- \varnothing (jacket)	5.0 mm \pm 5%
Color (jacket)	black
Cable labeling	see frame delivery specifications 7000-00000-001
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

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: 03/22

Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10× outer Ø
Bend radius (moving)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879622721
eClass	27279218
Packaging unit	1.000