

M12 female 90° A-cod. with cable LED

PUR 3x0.34 bk UL/CSA 35m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female 90° M12, 3-pole 2× LED (PNP)

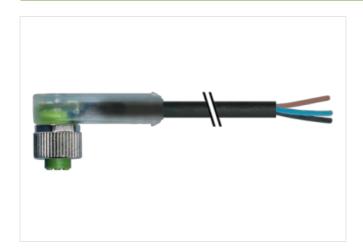
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

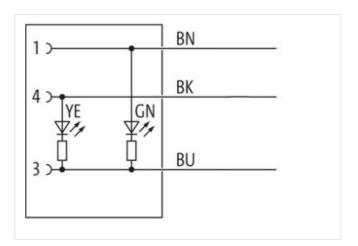
Plastic housings with good resistance against chemicals and oils.

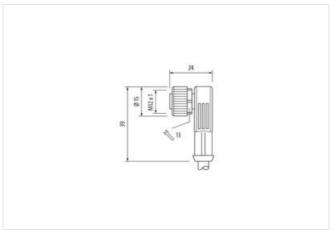
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

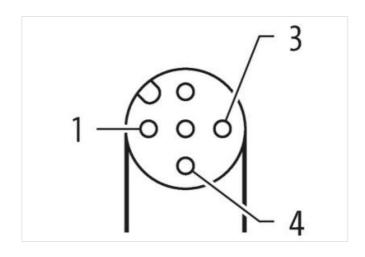
Link to Product

Illustration









Product may differ from Image













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Coeling contact M12 x 1 Triesed M12 x	Cable length	35 m
Mounting method Inserted, screwed	Side 1	
Mounting method	Tightening torque	0,6 Nm
Family construction form M12 Thread M12 x 1 M13 x 1 M14 x 1 M15 x 1 M15 x 1 M16 x 1 M17 x 1 M18	Mounting method	inserted, screwed
Family construction form M12 Thread M12 x 1 M13 x 1 M14 x 1 M15 x 1 M15 x 1 M16 x 1 M17 x 1 M18		
Scalable for corrugated tube (internal 0)	Family construction form	
A Material contact	Thread	M12 x 1
A Material contact	suitable for corrugated tube (internal Ø)	10 mm
Material Copper alloy Width across filas PUR Width across filas SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Side 2 Siripping length (jacket) Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-10.1 27060311 ECLASS		A
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Locking material Zinc die-casting	Material gasket	·
	Locking material	Zinc die-casting
	Material screw connection	· · · · · · · · · · · · · · · · · · ·



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Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	623
Cable Type	2 (PUR/PVC)
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
Cable weight [g/m]	35,97 g
Material wire	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
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	PVC
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Shore hardness wire isolation	43 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	black similar to RAL 9005
Stranding combination	3 wires twisted
Shield	no 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 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	black
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
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	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