

M12 female 0° A-cod. with cable LED

PUR 3x0.34 gy UL/CSA 30m

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

Female straight M12, 3-pole

2× LED (PNP)

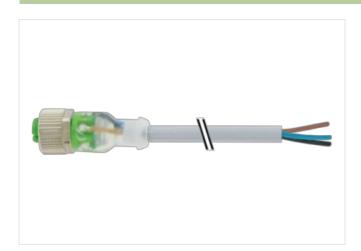
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

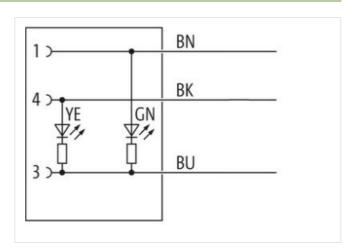
Plastic housings with good resistance against chemicals and oils.

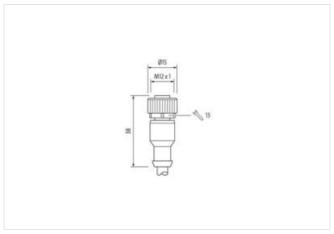
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

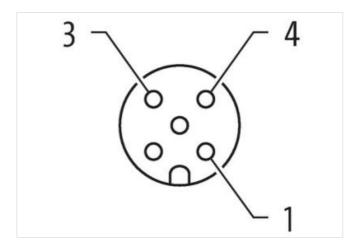
Link to Product

Illustration









Product may differ from Image













stay connected

Side	Cable length	30 m	
Mounting method Inserted, sorwed	Side 1		
Family construction form	Tightening torque	0,6 Nm	
Treed	Mounting method	inserted, screwed	
Suitable for corrugated tube (internal O)	Family construction form	M12	
Coding A Material PUR Width across flats SW13 Dagree of protection (EN IEC 600529) IPP65, IP66K, IP67 Commercial data PUR ECLASS-6.0 27061901 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060311 ECLASS-9.0 27060311 ECLASS-9.1 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 Packaging unit 1 Electrical data is Suppty 484879757812 Packaging unit 1 Electrical data is Suppty 44 Operating voltage DC min. 18 V Operating voltage DC min. 18 V <td>Thread</td> <td>M12 x 1</td>	Thread	M12 x 1	
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Operating temperature max. 85 °C	Environmental characteristics Climatic		
	Operating temperature min.	-25 °C	
Additional condition temperature range depending on cable quality	Operating temperature max.	85 °C	
	Additional condition temperature range	depending on cable quality	



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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	223
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	br, bk, bl
Stranding combination	3 wires twisted
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 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	gray
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)