

M12 female 90° A-cod. with cable LED

PUR 3x0.34 bk UL/CSA 10m

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

Female 90° M12, 3-pole

2× LED (PNP)

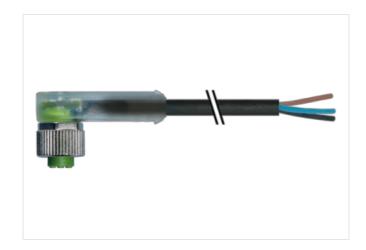
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

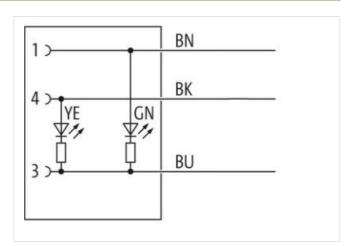
Plastic housings with good resistance against chemicals and oils.

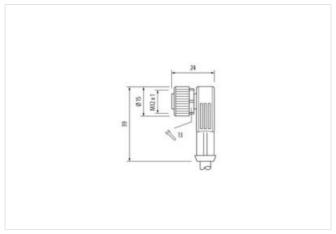
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

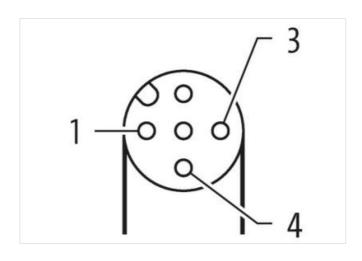
Link to Product

Illustration









Product may differ from Image













stay connected

Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP65, IP66K, IP67 Side 2 IP65, IP66K, IP67 Siripping length (jacket) 20 mm Commercial data ECIASS-6.0 27279218 ECIASS-6.1 27279218 ECIASS-7.0 27279218 ECIASS-8.0 27279218 ECIASS-9.0 27609311 ECIASS-10.1 27609311 ECIASS-11.1 27609311 ECIASS-12.0 27609311 ECIASS-12.0 27609311 ECIASS-12.0 27609311 ECIASS-12.0 27609311 ECIASS-10.1 4048879204477 Packaging unit 1 Electrical data i Suppty Operating voltage DC max. 30 V Operating voltage DC max. 30 V Operating voltage DC max. 30 V Current operating spot contact max. 4 A	Cable length	10 m	
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	Locking material	Zinc die-casting	
	Material screw connection	Zinc die-casting	



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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	
Important installation notes		
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
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	
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	
emperature range (fixed)	-30+80 °C	
emperature 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)	
Fravel speed (C-track)	max. 3.3 m/s	
Acceleration (C-track)	max. 5 m/s²	