

M12 female 90° A-cod. with cable LED

PUR 5x0.34 gy UL/CSA 50m

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

Female 90° M12, 5-pole 3× LED (PNP)

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

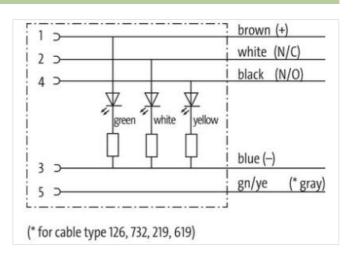
Plastic housings with good resistance against chemicals and oils.

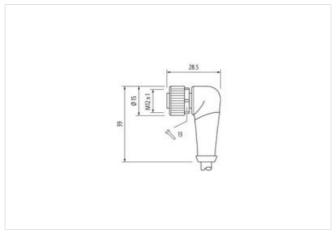
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

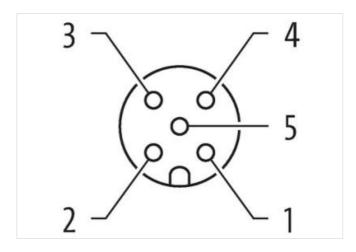
Link to Product

Illustration









Product may differ from Image













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Tightening torque	Cable length	50 m
Mounting method Insented, screwed	Side 1	
Family construction form	Tightening torque	0,6 Nm
Treed	Mounting method	inserted, screwed
suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUB Width across flats SVH3 Degree of protection (EN IEC 66529) 1P65, IP66K, IP67 Commercial date ECLASS-6.0 27279218 ECLASS-7.1 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.0 27060311 ECLASS-1.2.0 27060311 ECLASS-	Family construction form	M12
Coding	Thread	M12 x 1
Material PUR With across flats SW13	suitable for corrugated tube (internal Ø)	10 mm
Worth across flats	Coding	A
Degree of protection (EN IEC 80529) IP65, IP66K, IP67	Material	PUR
COLASS-6.0 27279218	Width across flats	SW13
ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 12060311 ECLASS-12.0 1206031 ECLAS-12.0 1206031 ECLAS-12.0 1206031 ECLAS-12.0 1206031 ECLAS-12.0 1	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
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Environmental characteristics Climatic Operating temperature min25 °C	Mechanical data Mounting data	
Operating temperature min25 °C	Mounting method	inserted, screwed, Shaking protection
	Environmental characteristics Climatic	
Operating temperature max. 85 °C	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
Additional condition temperature range depending on cable quality	Additional condition temperature range	depending on cable quality



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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Cable	
Cable identification	225
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 Ø (core)	0.1 mm
Construction (core)	42× 0.1 mm (multi-strand wire class 6)
Diameter (core)	5× 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, 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 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	5.0 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)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²