

M12 male 0° / M12 female 90° A-cod. LED

PUR 4x0.34 gy UL/CSA+drag ch. 18m

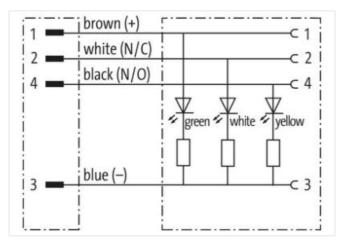
Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

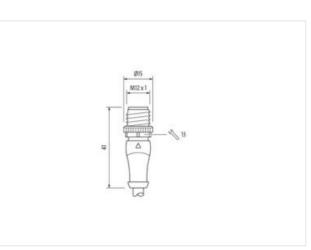
Link to Product

Illustration



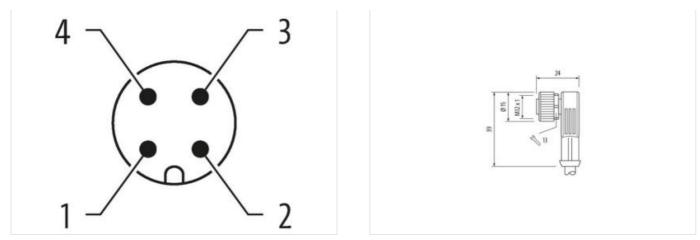






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Product may differ from Image



Cable length 18 m Side 1 Tightening torque 0.6 Nm Mounting method inserted, serewed Family construction form M12 x 1 Suitable for corrugated tube (internal 0) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP67 Side 2 Tightening torque Quanting method inserted, screwed Family construction (EN IEC 60529) IP65, IP67 Side 2 Tightening torque Quanting method inserted, screwed Family construction form M12 x 1 suitable for corrugated tube (internal 0) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data PUR ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-10.1 27060311 ECLASS-10		
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GTIN 4048879370622 Packaging unit 1	ETIM-5.0	EC001855
Packaging unit 1	customs tariff number	85444290
	GTIN	4048879370622
Electrical data Supply	Packaging unit	1
	Electrical data Supply	

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Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	green, white, yellow
Installation Connection	
· · · ·	M12 x 1
Mounting set	W12 X I
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
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 64076 2 101 (M12)
	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	234
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) Tolerance outer diameter (sheath)	4,5 mm ±5%
Material wire insulation	± 5 % PP
Amount wires	4
Outer diameter insulation	4 1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
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Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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