

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

PUR 4x0.34 gy UL/CSA+drag ch. 1.5m

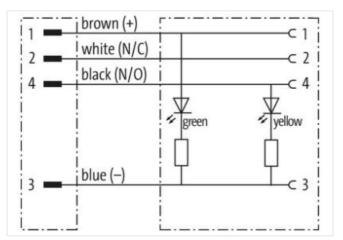
Male straight – female 90° M12 – M12, 4-pole 2× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

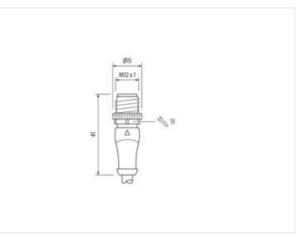
Link to Product

Illustration



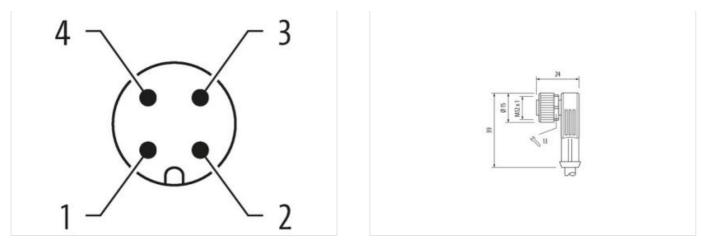






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Product may differ from Image



Cable length1,5 mSide 1Tightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12TineadM12 x 1MaterialPURWith across flatsSW13Degree of protection (EN IEC 60529)IP66K, IP67Side 2Immethodinserted, screwedFamily construction formM12Tightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12Tightening torque0.6 NmMounting methodinserted, screwedFamily construction formM12TineadM12 x 1MaterialPURWith across flatsSW13Degree of protection (EN IEC 60529)IP66K, IP67Commercial dati27279218ECLASS 7.027279218ECLASS 7.027279218ECLASS 7.027279218ECLASS 7.027279218ECLASS 7.0.127060311ECLASS 7.0.227060311ECLASS 7.0.1 <t< th=""><th></th><th></th></t<>		
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Packaging unit 1 Electrical data Supply Operating voltage DC 24 V	customs tariff number	85444290
Electrical data Supply Operating voltage DC 24 V	GTIN	4048879169172
Operating voltage DC 24 V	Packaging unit	1
	Electrical data Supply	
Operating voltage DC min. 18 V	Operating voltage DC	24 V
	Operating voltage DC min.	18 V

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Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Installation Connection	
•	N404
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Mechanical data Material data	
Coating of fitting	nickel plated
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
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.
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
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)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	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
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A

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AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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