

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

PUR 4x0.34 gy UL/CSA+drag ch. 10.1m

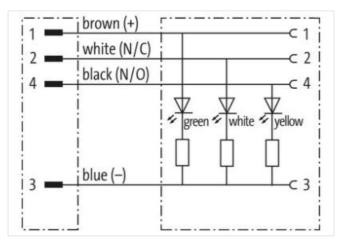
Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details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

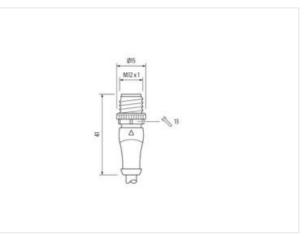
Link to Product

Illustration



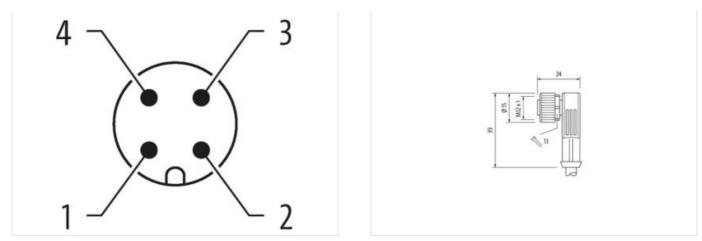






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21





Product may differ from Image



Cable length	10,1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879535748
Packaging unit	1
Electrical data Supply	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21



8 V 0 V 0 V A reen, white, yellow 112 x 1 112
0 V A reen, white, yellow 112 x 1 12 x 1 13 serted, screwed 14 screwed 15 kV 15 screwed 16 screwed 16 screwed 16 screwed 17 screwed 17 screwed 18 screwed 19 screwed 19 screwed 10 screwed
A reen, white, yellow 112 x 1 12 x 1 13 serted, screwed 14 8 kV 15 serted screwed 15 serted screwed 16 serted screwed 16 serted screwed 17 serted screwed 18 serted screwed 19 serted screwed 19 serted screwed 10 serted screwed 11
reen, white, yellow 112 x 1 Iserted, screwed Iserted, screwed Iserted inckeled Iserted
112 x 1 iserted, screwed
112 x 1 iserted, screwed
112 x 1 iserted, screwed
Iserted, screwed 8 kV lickeled ickel plated inc die-casting inc die-casting
Iserted, screwed 8 kV lickeled ickel plated inc die-casting inc die-casting
,8 kV ickeled ickel plated inc die-casting inc die-casting
,8 kV ickeled ickel plated inc die-casting inc die-casting
,8 kV ickeled ickel plated inc die-casting inc die-casting
ickeled ickel plated inc die-casting inc die-casting
ickel plated inc die-casting inc die-casting
ickel plated inc die-casting inc die-casting
ickel plated inc die-casting inc die-casting
inc die-casting inc die-casting
inc die-casting
•
serted, screwed, Shaking protection
serted, screwed, Shaking protection
25 °C
5℃
epending on cable quality
rotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ttention: Observe the permissible bending radii when laying cables, as the IP protection class can be ndangered by excessive bending forces.
IN EN 61076-2-101 (M12)
rown, black, blue, white
34
ray
URus
wires twisted
rown, black, blue, white
6,3 g/m
UR
0 ± 5 Shore A
ad-free, cadmium-free, CFC-free, halogen-free, silicone-free
.5 mm
5%
P
·
,25 mm
5%
0 ± 5 Shore D

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21



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
Nominal voltage AC max.	300 V
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
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21