

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

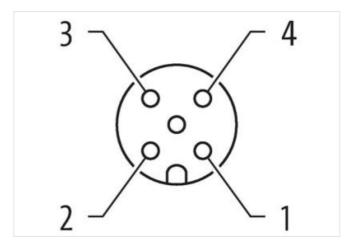
PUR 4x0.34 ye UL/CSA 0.5m

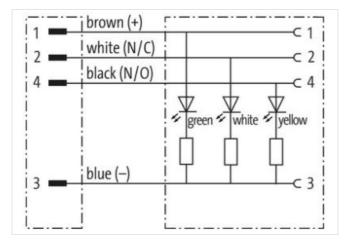
Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details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

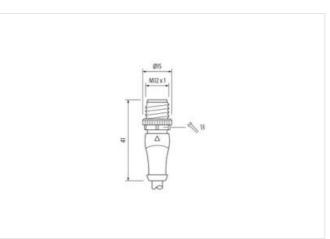
Link to Product

Illustration









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Product may differ from Image



Cable length	0,5 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-6.1	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	4048879381130
Packaging unit	1
Electrical data Supply	

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No. of bending cycles (C-track)4 Mio. @ 25 °CCable weigth44 g/mMaterial jacketTPE-SShore hardness jacket47 ± 5 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Banding	Fleece
Cable weigth44 g/mMaterial jacketTPE-SShore hardness jacket47 ± 5 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter insulation1 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cEFC-free, halogen-free, silicone-freeAmount strands (wire)18	wire arrangement	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Material jacketTPE-SShore hardness jacket47 ± 5 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	No. of bending cycles (C-track)	4 Mio. @ 25 °C
Shore hardness jacket47 ± 5 Shore DFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Cable weigth	44 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter tolerance core insulation1 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Material jacket	TPE-S
Outer-diameter (jacket)6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter insulation1 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Shore hardness jacket	47 ± 5 Shore D
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires12Outer diameter insulation1 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 12 Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18	Outer-diameter (jacket)	6 mm
Amount wires12Outer diameter insulation1 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation64 ± 3 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 1 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18	Amount wires	12
Shore hardness wire insulation 64 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 18	Outer diameter insulation	1 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)18	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 18	Shore hardness wire insulation	64 ± 3 Shore D
	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,1 mm	Amount strands (wire)	18
	Diameter of single wires	0,1 mm

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Conductor crosssection (wire)	0,14 mm²
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	2 A
Electrical resistance line constant wire	139 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - wire)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	105 °C
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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