

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

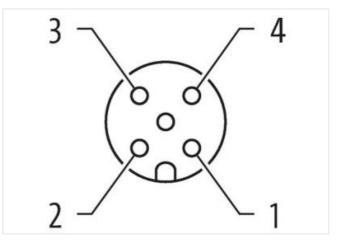
PUR 4x0.34 ye UL/CSA+drag ch. 20m

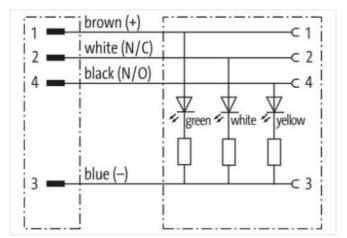
Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details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

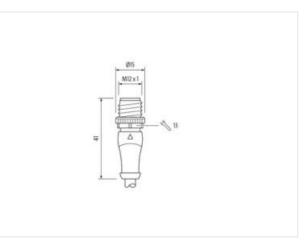
Link to Product

Illustration



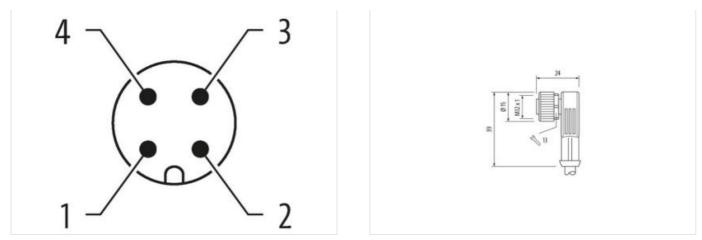






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Product may differ from Image



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		
Traphening torque 0.8 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Material PUR With across flats SW13 Degree of protection (EN IEC 60529) IPG6K, IP67 Sife 2	Cable length	20 m
Mounting method inserted, screwed Family construction form M12 Thread 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 Side 2 Tightening torque 0,6 Mm Mounting method inserted, screwed Family construction form M12 Trightening torque 0,6 Mm Mounting method inserted, screwed Family construction form M12 Thread 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 SUT279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 </td <td>Side 1</td> <td></td>	Side 1	
Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 IP66, IP66K, IP67 Side 2 Immediate (internal Ø) 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 PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data PUR ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 8.0 27260311 ECLASS 9.0 27060311 ECLASS 9.1.1 27060311 ECLASS 9.2 27060311 ECLASS 9.2 27060311	Tightening torque	0,6 Nm
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 Mounting method inserted, screwed Family construction form M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) PB6, IP66K, IP67 Commercial data PUR Width across flats SW13 Degree of protection (EN IEC 60529) PB6, IP66K, IP67 Commercial data PUR ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN	Mounting method	inserted, screwed
Statustication 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) IP66K, IP67 Commercial data SW13 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27260311 ECLASS-8.0 27260311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 ECO01855 Dustoms tariff number 85444290 STIN 4048879170185	Family construction form	M12
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Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 27279218 ECLASS-8.0 27279218 27279218 ECLASS-9.0 27060311 27060311 ECLASS-10.1 27060311 27060311 ECLASS-11.1 27060311 27060311 ECLASS-12.0 27060311 27060311 ETIM-5.0 EC001855 2701855 Exstorms tariff number 85444290 GTIN 4048879170185 Packaging unit 1	suitable for corrugated tube (internal \emptyset)	10 mm
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Commercial data E 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 4048879170185 Packaging unit 1	Material	PUR
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ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879170185 Packaging unit 1	Commercial data	
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ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879170185 Packaging unit 1	ECLASS-11.1	27060311
customs tariff number 85444290 GTIN 4048879170185 Packaging unit 1	ECLASS-12.0	27060311
GTIN 4048879170185 Packaging unit 1	ETIM-5.0	EC001855
Packaging unit 1	customs tariff number	85444290
	GTIN	4048879170185
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	
Mounting set	M12 x 1
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 61076-2-101 (M12)
Installation Cable	
Cable identification	034
Cable Type	3
Jacket Color	yellow
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)	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 0,34 mm ²
Conductor crosssection (wire)	V,0+111117

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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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