

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

PUR 4x0.34 bk UL/CSA+drag ch. 10m

Male straight – female 90° M12 – M12, 4-pole 3× LED (PNP), (NPN) on request

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

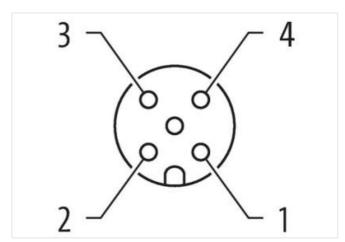
Plastic housings with good resistance against chemicals and oils.

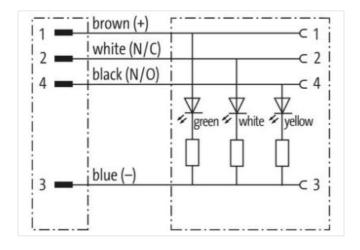
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

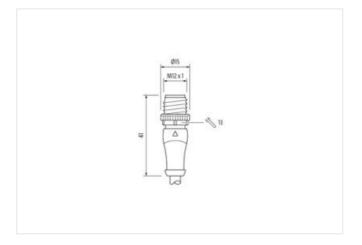
Link to Product

Illustration



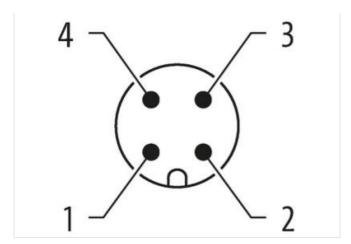


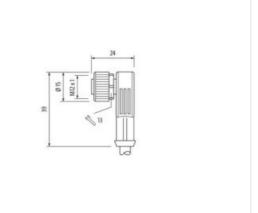






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Product may differ from Image











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 Side 2 Tomatic Michael 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 date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27660311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECILASS-12.0 27060315 ECILASS-12.0 27060315 ECILASS-12.0 27060315 ECILASS-12.0 27060315 ECILASS-12.0 27060315 ECILASS-12.0 27060316 ECILASS-12.0 27060316 ECILASS-12.0 27060316 ECILASS-12.0 27060317 ECILASS-12.0 27060316 ECILASS-12.0 27060317 ECILASS-12.0 27	Cable length	10 m
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	GTIN	4048879169332
Electrical data Supply	Packaging unit	1
	Electrical data Supply	

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Operating voltage DC	24.1/
	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
	inserieu, scieweu, sinaking 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	
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Note on strain relief Note on bending radius Conformity Product standard Installation Cable Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Traversing distance (C-track)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) 634 3 black cURus 1 4 wires twisted brown, black, blue, white 10 m @ 25 °C horizontal
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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 mm²
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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