

M12 male 0° A-cod. with cable AIDA

PUR 5x0.34 ye UL/CSA+drag ch. 0.6m

AIDA conform Male straight M12, 5-pole

Zinc die casting, save-cover coated

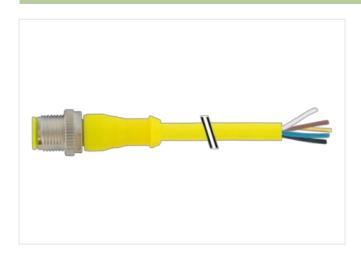
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

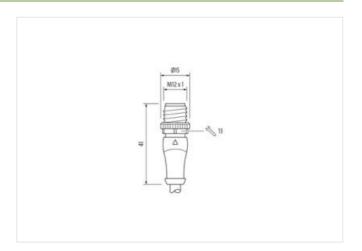
Plastic housings with good resistance against chemicals and oils.

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

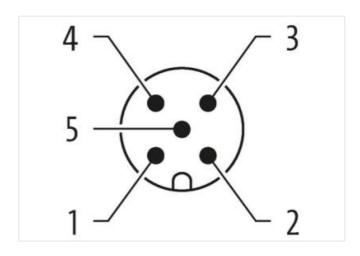
Link to Product

Illustration









Product may differ from Image











Cable length

0,6 m

Side 1



stay connected

suitable for corrugated tube (internal Ø) 10 mm Cable cullet straight Coding A No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IPB6, FP6K, IP67 Stripping length (jacket) 20 mm Family construction form the cable end Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27608311 ECLASS-9.0 27608311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.3 27060311 ECLASS-1.1 27060311 ECLASS-1.2.0 27060311 ETIM-5.0 EC001855 customs tarif number 85444290 GTIN 4048790730 Packaging unit 1 Electrical data Supply Operating voltage DC max. 125 V<	Tightening torque	0,6 Nm
Family construction form M12 https://doi.org/10.1001/j.com	Mounting method	inserted, screwed
Treed		· · · · · · · · · · · · · · · · · · ·
Cable outlet straight Coding A No. of poles 5 Widh across flats SW13 Degree of protector (EN EC 60529) IP85, IP65K IP67 Side 2 Stropping length (jacket) Amministration of the catale and Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27090311 ECLASS-10.1 27090311 ECLASS-11.1 27090311 ECLASS-12.0 27000311 ECLASS-12.0 2700031	Thread	M12 x 1
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Additional condition temperature range depending on cable quality		
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Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	

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: 2024-05-19



stay connected

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.	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	127	
Cable Type	5	
Jacket Color	yellow	
Type of Certificate	cURus	
Approvals	cURus (AWM-Style 20549/10493), CE compliant, VASS 6 compliant, according to MgU-I-B09-41 (March 202	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Filler		
	yes brown, black, blue, white, gray	
wire arrangement Cable weigth	49.5 g/m	
<u> </u>	49,5 9/III PUR	
Material jacket		
Shore hardness jacket	54 ± 5 Shore D	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	5,2 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	5	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	73 ± 5 Shore D	
ngredient 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	4,5 A	
Electrical resistance line constant wire	60 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2,5 kV @ 60 s	
Power frequency withstand voltage (wire - acket)	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	DIN EN 60811-404 Good, application-related testing	
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)	5 m @ 25 °C horizontal	
Travel speed (C-track)	3,3 m/s @ 25 °C	
No. of torsion cycles	1 Mio.	
Torsion stress	± 360 °/m	

Product-PDF for Article 7030-12041-1270060



Torsion speed

35 cycles/min