

M12 male 0° / M12 female 90° A-cod.

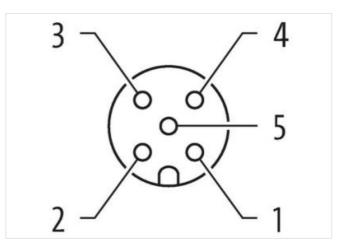
PUR 5x0.34 bk UL/CSA 5m

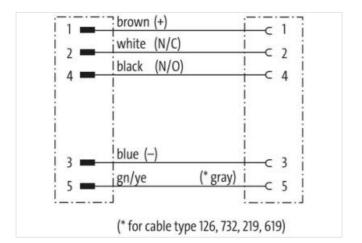
M12 - M12, 5-pole

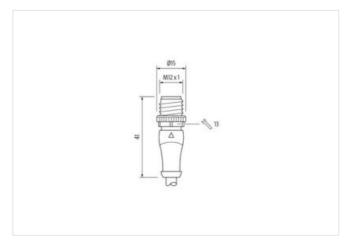
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



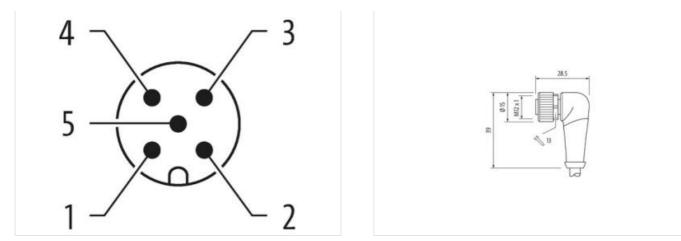






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Product may differ from Image



Cable length	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	
Coding	А	
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 \emptyset)	10 mm	
Coding	А	
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	4048879176408	

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Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	125 V	
Operating voltage DC max.	125 V	
Operating voltage AC (UL-listed)	30 V	
Operating voltage DC (UL-listed)	30 V	
Current operating per contact max.	4 A	
Installation Connection		
Mounting set	M12 x 1	
Device protection Electrical		
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)	-	
Mechanical data Material data		
Coating locking	Nickeled	
Coating of fitting	nickeled	
Locking material	Zinc die-casting	
Material screw connection	Zinc die-casting	
Mechanical data Mounting data		
	in the second Obalian and all a	
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	
Important installation notes		
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)	
Cable		
Cable identification	625	
Cable Type	2 (PUR/PVC)	
Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform	
Cable weight [g/m]	54,78 g	
Material wire	Cu wire, bare	
Resistor (core)	max. 57 Ω/km (20 °C)	
Single wire Ø (core)	0.1 mm	
Construction (core)	42× 0.1 mm (multi-strand wire class 6)	
Diameter (core)	5× 0.34 mm ²	
AWG	similar to AWG 22	
Material wire isolation	PVC	
Material property wire insulation	CFC-, cadmium-, silicone- and lead-free	
Shore hardness wire isolation	43 ±5 D	
Wire-Ø incl. isolation	1.25 mm ±5%	
Color/numbering of wires	br, bk, bl, wh, gnye longitudinally striped	
Stranding combination	5 wires twisted around central filler	
Shield	no	
Material jacket	PUR/PVC	
-		

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CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-

Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant	
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)	
Outer-Ø (jacket)	5.0 mm ±5%	
Color jacket	black	
chemical resistance	good resistance to oil, gasoline and chemicals	
Nominal voltage	UL 300 V AC	
Test voltage	2000 V AC	
Current load capacity	to DIN VDE 0298-4	
Temperature range (fixed)	-30+80 °C	
Temperature range (mobile)	-5+80 °C	
Bending radius (fixed)	10× outer Ø	
Bending radius (dynamic)	15× outer Ø	
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)	
Travel speed (C-track)	max. 3.3 m/s	
Acceleration (C-track)	max. 5 m/s ²	

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