

M12 male 0° / M12 female 0° A-cod.

PUR 5x0.34 bk UL/CSA 0.5m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight – female straight M12 – M12, 5-pole

A-coded

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

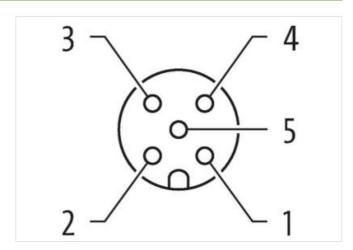
Plastic housings with good resistance against chemicals and oils.

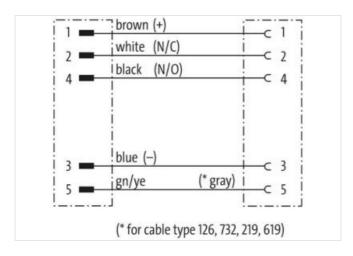
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

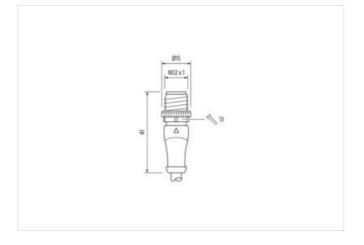
Link to Product

Illustration





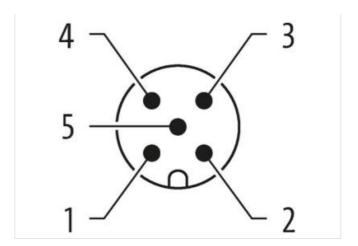






stay connected





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
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	5
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
Cable outlet	straight
Coding	A
Material	PUR
No. of poles	5
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



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ECLASS 12.0 2796031 ETIMAS 0 ECOUSSS COTIN 494897991550 PROBACKING INT 1 PREMISTION 1 125 V Operating voltage AC max. 125 V Operating voltage AC max. 125 V Operating voltage AC (UL-listed) 30 V Operating voltage AC (UL-listed) 4 A Device protection [Electrical MEX 1 Device protection [Electrical MEX 1 Device protection [EN IEC 00529] IPGS, IPG7, IP68K Additional condition protection degree Inserted active	ECLASS-11.1	27060311
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Product standardDIN EN 61076-2-101 (M12)CableCable identification625Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]54,78 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)5× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-free	Note on bending radius	endangered by excessive bending forces.
CableCable identification625Cable Type2 (PUR/PVC)Approval (cable)UL (AWM-Style 20549/1731), CSA; CE conformCable weight [g/m]54,78 gMaterial wireCu wire, bareResistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)5× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-free	Conformity	
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Construction (core) 42 x 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free	Resistor (core)	max. 57 Ω/km (20 °C)
Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free	Single wire Ø (core)	0.1 mm
AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free	Construction (core)	42× 0.1 mm (multi-strand wire class 6)
AWG similar to AWG 22 Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free	Diameter (core)	5× 0.34 mm²
Material property wire insulation CFC-, cadmium-, silicone- and lead-free	AWG	similar to AWG 22
	Material wire isolation	PVC
Shore hardness wire isolation 43 ±5 D		
	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free

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: 2024-06-02



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
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/s²