

M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 bk UL/CSA 2.5m

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

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

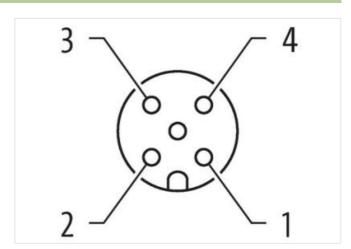
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

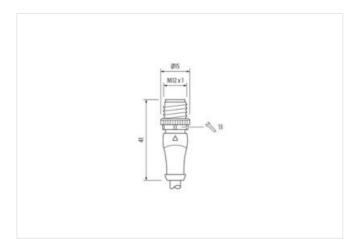
Link to Product

Illustration





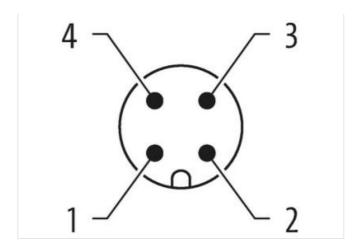






stay connected





Product may differ from Image













Cable length	2,5 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	A
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
Coding	A
Material	PUR
Width across flats	SW13
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	4048879183642

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: 2024-06-22



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Current operating per contact max. 4 A Installation Connection Nounting set M12 x 1 Device protection Electrical Additional condition protection degree maented, screwed Pollution Degree 3 Rated surge votinge 2,5 kV Material group (IEC 80664-1) 1 Wechanical data Material data Coating of titting nickel plated Locking material Zinc dis-casting Material screw connection Zinc dis-casting Material screw connection Zinc dis-casting Machanical data Mounting data Musturing metho nicerted, screwed, Shaking protection Environmental characteristics Climatic Departure perpenditure max. 85 °C Godditional condition temperature max. 85 °C Godditional 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. Altention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Contormity Product standard DIN EN 61076-2-101 (M12) Cable dentification 624 Cable dentification 624 Cable (acable dentification 624 Cable (acable viewfild (gm) 4.6.88 Material wire (acable) UL (AWWA Siylu 2054917731). CSAr. CE conform Alterial wire (acable) UL (AWWA Siylu 2054917731). CSAr. CE conform Construction (core) 4.2.9.1 mm (multi-strand wire class 6) Dismeter (core) 4.9.0 st milliar to AWG 22 Material wire isolation 4.9.5 D Material property wire insulation 4.9.5 D Material wire isolation 4.9.5 D Material property wire insulation 4.9.5 D Material wire isolation 4.9.5 D Material wire isolation 4.9.5 D Material wire isolation 4.9.5 D Material property wire insulation 4.9.	Packaging unit	1
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Cable identification 624 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 42,68 g Material wire Cu wire, bare Resistor (core) max. 57 \(\Omega)/km (20 \circ C) Single wire \(\Omega \) (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² AWG similar to AWG 22 Material wire isolation PVC Material wire isolation PVC Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no	Conformity	
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Single wire Ø (core) O.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² 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 Stranding combination 4 wires twisted Shield no	Material wire	Cu wire, bare
Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 4× 0.34 mm² 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 Stranding combination 4 wires twisted Shield no	Resistor (core)	max. 57 Ω/km (20 °C)
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Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Color/numbering of wires br, bk, bl, wh Stranding combination 4 wires twisted Shield no	Shore hardness wire isolation	43 ±5 D
Stranding combination 4 wires twisted Shield no	Wire-Ø incl. isolation	1.25 mm ±5%
Shield no	Color/numbering of wires	br, bk, bl, wh
	Stranding combination	4 wires twisted
Material jacket PUR/PVC	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)	4.6 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