

M12 male 0° / M12 female 90° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 11m

Male straight - female 90°

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

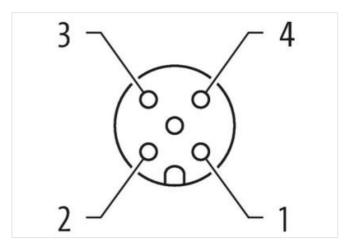
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

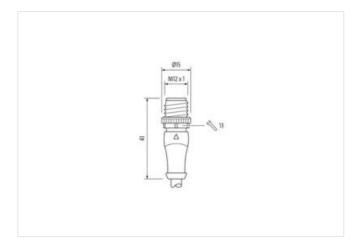
Link to Product

Illustration



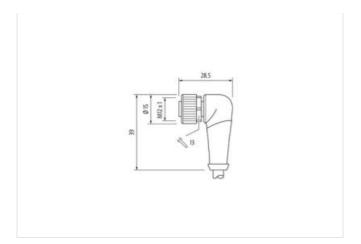


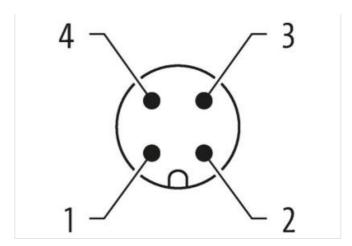






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Product may differ from Image













Cable length	11 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
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
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909056752
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V

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: 2024-06-26



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Mechanical data Material data Coating of Miting nickel plated Locking material Zinc die-casting Material sorew connection Zinc die-casting Material sorew connection Zinc die-casting Material sorew connection Environmental characteristics Climatic Departing temperature min. 25 °C Operating temperature min. 25 °C Additional condition temperature range depending on cable quality Important installation notes Note on sharin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ities. Note on bending radius Attention: Observe the permissable 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 wire arrangement brown, black, blue, white Cable identification S3 Saleki Color black Type of Certificate cURus Amount stranding 1 Saleki Color black Material jacket DIN EN 61076-2-101 (M12) DIN EN 61076-2-101 (M12) DIN EN 61076-2-101 (M12) Tolerance cuter diameter (sheath) \$5 °K Material wire larguement brown, black, blue, white Cable weight \$6.30 g/m Material wire larguement brown, black, blue, white Cable weight \$6.30 g/m Material wire inculation PP Ancount wires 4 Outer diameter (sheath) \$5 °K Material wire inculation \$7 °K °K Shore hardness jacket PP Ancount wires 4 Outer diameter (sheath) \$5 °K Shore hardness wire insulation \$7 °C °FC free, halogen-free, silicone-free Outer diameter of standers wire insulation \$7 °C °FC °FC °FC °FC °FC °FC °FC °FC °FC	Operating voltage DC (UL-listed)	30 V
Mounting set Device protection Electrical	Current operating per contact max.	4 A
Device protection Electrical Additional condition protection degree Additional condition protection degree 3 Material group (IEC 60684-1) I Machanical data Material data Coating of fitting Nickeled Coating of fitting of fitting Coating of fitting Nickeled Coating of fitting of fitting Coating of fitting of fitting of fitting of fitting Coating of fitting of fitting of fitting of fitting of fitting of fitting Coating of fitting of fitting of fitting of fitting of fittin	Installation Connection	
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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	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,34 mm ² Material conductor wire Stranded copper wire, bare	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare	Diameter of single wires	0,1 mm
	Conductor crosssection (wire)	0,34 mm ²
Conductor type (wire) strand class 6	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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min