

M12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 10m

Female straight M12, 5-pole

A-coded

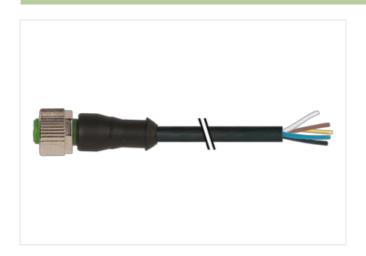
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

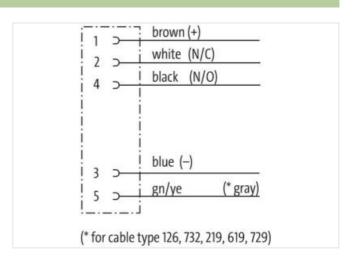
Plastic housings with good resistance against chemicals and oils.

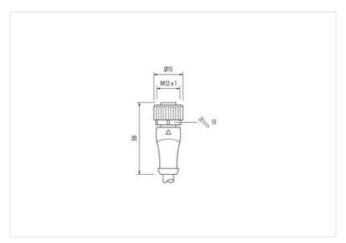
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

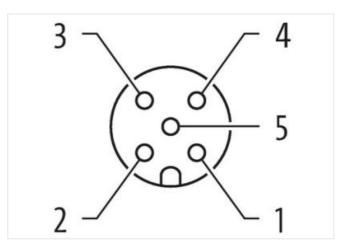
Link to Product

Illustration









Product may differ from Image













Cable length

10 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-30



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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	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	4048879210713
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
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
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)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
- I I I I I I I I I I I I I I I I I I I	

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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	and a grant day of
Product standard	DIN EN 61076-2-101 (M12)
	DIN EN 01070-2-101 (M12)
Installation Cable	
Cable identification	732
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,8 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	70 ± 5 Shore D
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 mm ²
Conductor crosssection (wire) Material conductor wire	0,34 mm² Stranded copper wire, bare
Material conductor wire Conductor type (wire)	· · · · · · · · · · · · · · · · · · ·
Material conductor wire	Stranded copper wire, bare
Material conductor wire Conductor type (wire)	Stranded copper wire, bare strand class 6
Material conductor wire Conductor type (wire) No. of bending cycles (C-track)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s
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Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation
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Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) UV resistance Flame resistance chemical resistance	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing
Material conductor wire Conductor type (wire) No. of bending cycles (C-track) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) UV resistance Flame resistance chemical resistance Gasoline resistance	Stranded copper wire, bare strand class 6 10 Mio. @ 25 °C 10 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2,5 kV @ 60 s 2,5 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation -25 °C 80 °C / 90 °C @ 10000 h Operation DIN EN ISO 4892-2 A UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 Good, application-related testing Good, application-related testing
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Product-PDF for Article 7000-12241-7321000

