

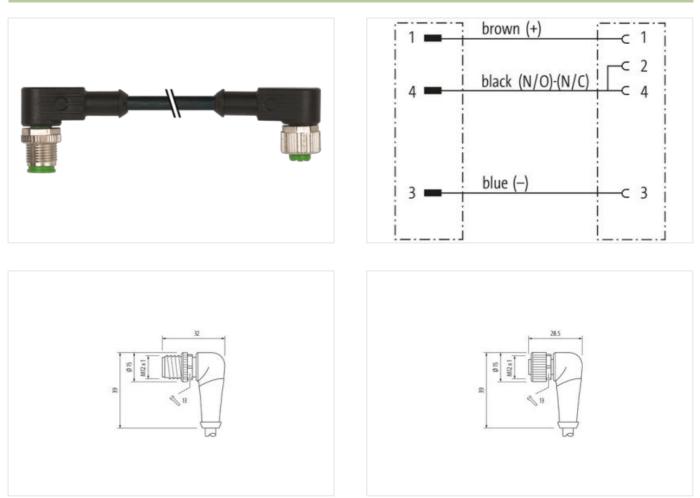
M12 male 90° / M12 female 90° A-cod.

PUR 3x0.34 bk UL/CSA+drag ch. 1.5m

Male 90° – female 90° M12 – M12, 3-pole bridged 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.

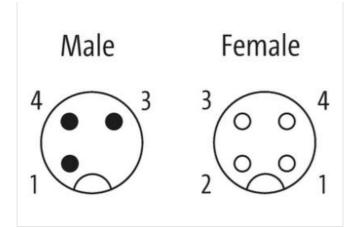
Link to Product





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Product may differ from Image



able length	1,5 m
ide 1	
ghtening torque	0,6 Nm
ounting method i	inserted, screwed
amily construction form	M12
nread I	M12 x 1
itable for corrugated tube (internal Ø)	10 mm
oding	A
aterial	PUR
idth across flats	SW13
egree of protection (EN IEC 60529)	IP66K, IP67
ide 2	
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Commercial data	
CLASS-6.0	27061801
istoms tariff number 8	85444290
ackaging unit	1
lectrical data Supply	
perating voltage AC max.	250 V
perating voltage DC max.	250 V
perating voltage AC (UL-listed)	30 V
perating voltage DC (UL-listed)	30 V
urrent operating per contact max.	4 A
nstallation Connection	
nstallation Connection	

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Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material Material screw connection	Zinc die-casting
	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Dperating 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)
Installation Cable	
Cable identification	633
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	29,7 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)	4,1 mm
Tolerance outer diameter (sheath)	±5%
Vaterial wire insulation	PP
Amount wires	3
Amount wires Duter diameter insulation	3 1,25 mm
Duter diameter insulation	1,25 mm ± 5 %
Shore hardness wire insulation	± 5 % 70 ± 5 Shore D
ngredient freeness wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 42
Diameter of single wires	
	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max. Current load capacity (standard)	300 V to DIN VDE 0298-4

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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 UL 1581 § 1100 FT2 IEC 60332-2-2
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion spood	35 avelos/min

Torsion speed

35 cycles/min

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