

M12 male 0° / M12 female 0° A-cod.

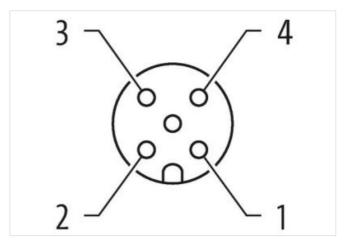
PUR 4x0.34 bk UL/CSA+robot+drag ch. 20m

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.

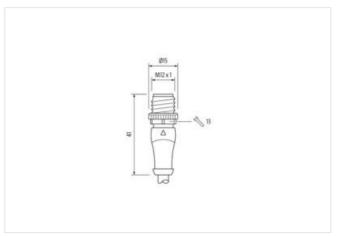
Link to Product





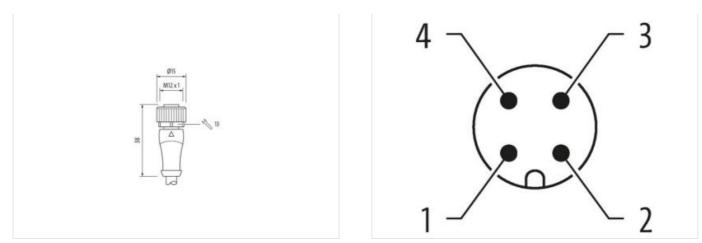






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Product may differ from Image



20 m
0,6 Nm
inserted, screwed
M12
M12 x 1
10 mm
A
PUR
SW13
IP65, IP66K, IP67
0,6 Nm
inserted, screwed
M12
M12 x 1
10 mm
A
PUR
SW13
27279218
27279218
27279218
27060311
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EC001855
85444290

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Electrical data | Supply

Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed 3
Pollution Degree	-
Rated surge voltage	2,5 kV
Naterial group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	safe-cover coated
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Naterial screw connection	Zinc die-casting
Mechanical data Mounting data	
Nounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating 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	
vire arrangement	brown, black, blue, white
Cable identification	654
Cable Type	5
lacket Color	black
ype of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Aaterial jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	4,7 mm
Duter-diameter (jacket)	
olerance outer diameter (sheath)	±5%
Aterial wire insulation	PP
ATTOUTTE WITES	4
	1.05 mm
Duter diameter insulation	1,25 mm
Duter diameter insulation Duter diameter tolerance core insulation	± 5 %
Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation ngredient freeness wire insulation	

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Amount strands (wire)	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.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	60 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 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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