

M12 male 90° / M12 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 0,5m

Male 90° – 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.

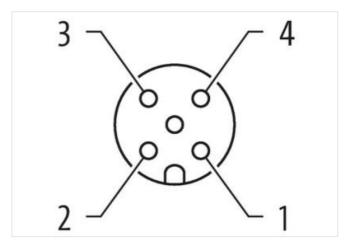
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

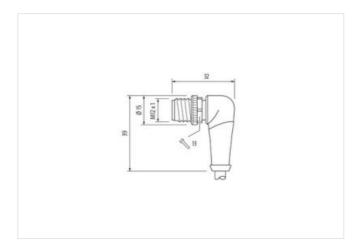
Link to Product

Illustration





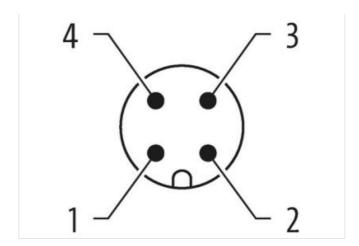






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Product may differ from Image



Cable length





0,5 m







5,5 III
0,6 Nm
inserted, screwed
M12
M12 x 1
10 mm
A
PUR
SW13
IP66K, IP67
0,6 Nm
inserted, screwed
M12
M12 x 1
10 mm
A
PUR
SW13
IP66K, IP67
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4065909001240
1

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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
Pollution Degree	3
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Material screw connection	Zinc die casting Zinc die-casting
Mechanical data Mounting data	in adult and Ohd in adults
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
perating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
·	brown, black, blue, white
vire arrangement	634
Cable identification Cable Type	3
acket Color	black
Type of Certificate	cURus
mount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	4,5 mm
Outer-diameter (jacket)	.,~
Outer-diameter (jacket) Colerance outer diameter (sheath)	+5%
Olerance outer diameter (sheath)	± 5 % PP
olerance outer diameter (sheath) Material wire insulation	PP
olerance outer diameter (sheath) Material wire insulation Amount wires	PP 4
Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	PP 4 1,25 mm
Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	PP 4 1,25 mm ± 5 %
Tolerance outer diameter (sheath) Material wire insulation Amount wires Duter diameter insulation	PP 4 1,25 mm

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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	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