

M12 male 0° / M12 female 0° A-cod.

PVC 4x0.34 bk UL/CSA 2.3m

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.

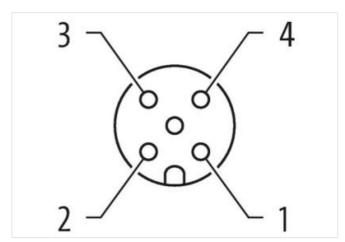
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

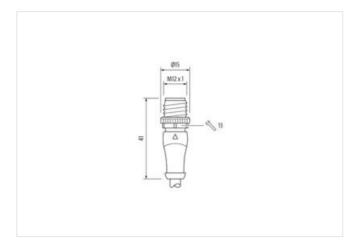
Link to Product

Illustration





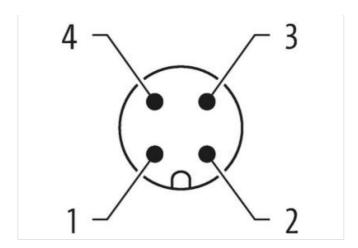






stay connected





Product may differ from Image













2,3 m 0,6 Nm nserted, screwed M12 M12 x 1 0 mm A PUR SW13 P65, IP66K, IP67 0,6 Nm nserted, screwed
mserted, screwed M12 M12 x 1 0 mm A PUR SW13 P65, IP66K, IP67
mserted, screwed M12 M12 x 1 0 mm A PUR SW13 P65, IP66K, IP67
M12 x 1 10 mm A PUR SW13 P65, IP66K, IP67
M12 x 1 10 mm A PUR SW13 P65, IP66K, IP67
00 mm A PUR SW13 P65, IP66K, IP67 0,6 Nm Inserted, screwed
PUR SW13 P65, IP66K, IP67 0,6 Nm Inserted, screwed
PUR 5W13 P65, IP66K, IP67 0,6 Nm nserted, screwed
SW13 P65, IP66K, IP67 0,6 Nm nserted, screwed
P65, IP66K, IP67 0,6 Nm nserted, screwed M12
0,6 Nm nserted, screwed M12
nserted, screwed M12
nserted, screwed M12
и12
M12 x 1
0 mm
4
PUR
SW13
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
1048879515849
27



stay connected

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
	771
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Aaterial screw connection	Zinc die-casting Zinc die-casting
	Zinc die-casting
Mechanical data Mounting data	
Mounting 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)
	DIN EN 61076-2-101 (M12)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	614
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
Cable weigth	40,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
	lead-free, cadmium-free, CFC-free, silicone-free
reedom from ingredients (jacket)	
	5 mm
Freedom from ingredients (jacket) Outer-diameter (jacket) Folerance outer diameter (sheath)	5 mm ± 5 %
Outer-diameter (jacket)	
Outer-diameter (jacket) Folerance outer diameter (sheath)	±5%
Outer-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation	± 5 % PVC
Outer-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires	± 5 % PVC 4
Outer-diameter (jacket) Folerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	± 5 % PVC 4 1,25 mm



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter