

M12 male 90° / M12 female 90° A-cod.

PUR 12x0.14 bk UL/CSA+drag ch. 5m

Male 90° – female 90°

M12 - M12, 12-pole

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

Plastic housings with good resistance against chemicals and oils.

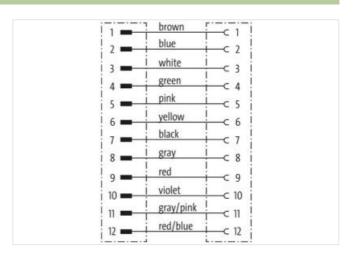
The resistance to aggressive media should be individually tested for your application. Further details on request.

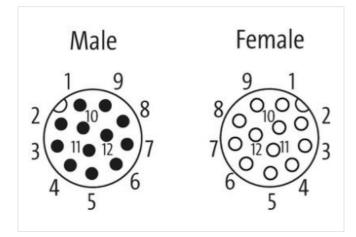
Further cable lengths on request.

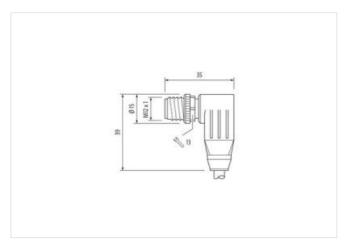
Link to Product

Illustration



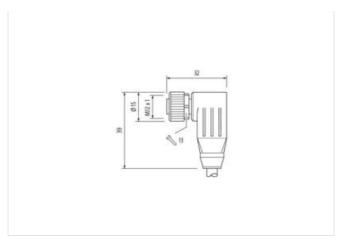








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Product may differ from Image











Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-6.1 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 2706031	Cable length	5 m
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Operating voltage AC max. 30 V Operating voltage DC max. 30 V	Packaging unit	1
Operating voltage DC max. 30 V	Electrical data Supply	
	Operating voltage AC max.	30 V
Operating voltage AC (UL-listed) 30 V	Operating voltage DC max.	30 V
	Operating voltage AC (UL-listed)	30 V

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: 2024-04-16



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Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	1,5 A
Device protection Electrical	
Degree of protection (ISO 20653:2013)	IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
	"
Mechanical data Material data	
Coating locking	Nickeled
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	705
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Banding	Fleece
wire arrangement	gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Cable weigth	45,1 g/m
Material jacket	PUR
Shore hardness jacket	92 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	18
Diameter of single wires Conductor crossocition (wire)	0,1 mm 0,14 mm ²
Conductor crosssection (wire) Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	stranded copper wire, bare strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire	2 A
Electrical resistance line constant wire	2 A 138 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
min. operating temperature (static)	



Max. operating temperature (fixed)	85 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	85 °C
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m