

## M12 male 90° / M12 female 90° A-cod.

PUR 3x0.34 gy UL/CSA+drag ch. 0.3m

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.

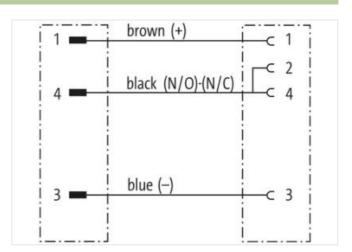
The resistance to aggressive media should be individually tested for your application. Further details on request.

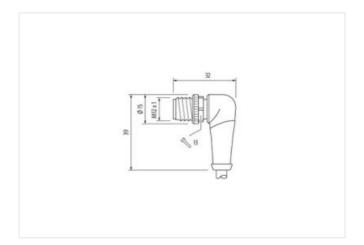
Further cable lengths on request.

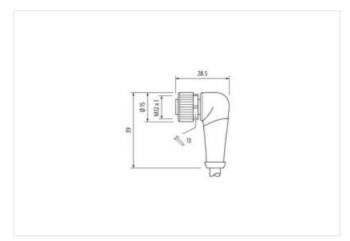
## **Link to Product**

## Illustration



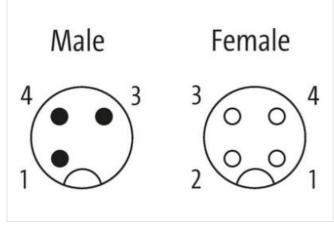








stay connected



Product may differ from Image













rightening torque         0.6 Nm           flounting method         inserted, screwed           flounting method         inserted, screwed           armity construction form         M12 x 1           uitable for corrugated tube (internal Ø)         10 mm           odding         A           staterial         PUR           Width across flats         SW13           begree of protection (EN IEC 60529)         IP66K, IP67           Side 2         IP66K, IP67           Side 2         Inserted, screwed           flounting method         inserted, screwed           flounting method         inserted, screwed           smally construction form         M12           floread         M12 x 1           uitable for corrugated tube (internal Ø)         10 mm           odding         A           daterial         PUR           vidith across flats         SW13           begree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         PUR           vidith across flats         SW13           begree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         PUR           vicit has only in the purpose of purpose of purpose of purpose of p	Cable length	0,3 m
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Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A	Operating voltage DC max.	250 V
Current operating per contact max. 4 A	Operating voltage AC (UL-listed)	30 V
	Operating voltage DC (UL-listed)	30 V
Installation   Connection	Current operating per contact max.	4 A
	Installation   Connection	

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: 2024-04-19

M12 x 1

Mounting set

Device protection | Electrical



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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
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	c
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	233
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	10 Mio. @ 25 °C
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%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s

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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
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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m