

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

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

Male 90° - female 90°

M12 - M12, 3-pole

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

with cable sleeves

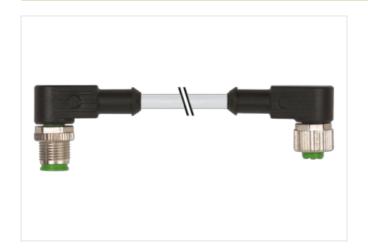
Plastic housings with good resistance against chemicals and oils.

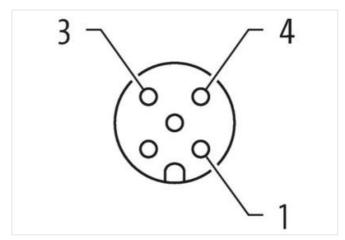
The resistance to aggressive media should be individually tested for your application. Further details on request.

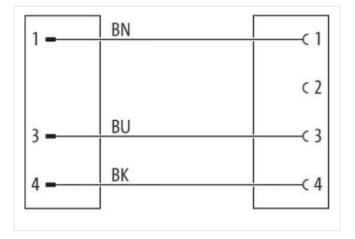
Further cable lengths on request.

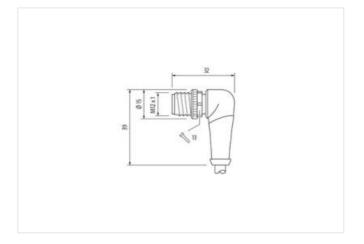
## **Link to Product**

## Illustration



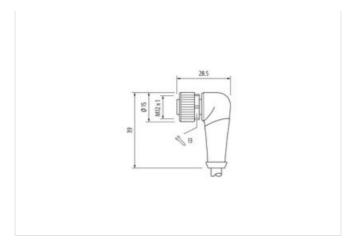


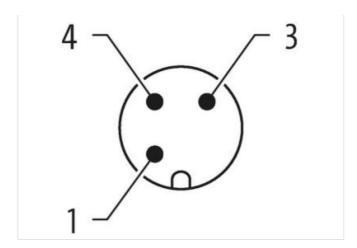






stay connected





Product may differ from Image













Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
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

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: 2024-06-03



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sunting set M12 x 1  Average protection   Electrical    Setting protection   Electrica	Diagnostics	
bevice protection   Electrical  Selfound condition protection degree inserted, screwed  Selfound condition protection degree inserted, screwed  Selfound condition protection degree inserted, screwed  Selfound condition protection degree 2,5 kV  Selfound Condition protection degree 2,5 kV  Selfound Condition protection 2,5 kV  Selfound Condition protection 3,5 kV  Selfound Condition degree and selfound Condition Conditi	Status indication LED	no
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hore hardness wire insulation 74 ± 3 Shore D  gredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  mount strands (wire) 42  iameter of single wires 0,1 mm  onductor crosssection (wire) 0,34 mm²	Outer diameter insulation	· · · · · · · · · · · · · · · · · · ·
gredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free mount strands (wire) 42 iameter of single wires 0,1 mm onductor crosssection (wire) 0,34 mm²	Outer diameter tolerance core insulation	
mount strands (wire) 42 iameter of single wires 0,1 mm onductor crosssection (wire) 0,34 mm <sup>2</sup>	Shore hardness wire insulation	74 ± 3 Shore D
iameter of single wires 0,1 mm onductor crosssection (wire) 0,34 mm <sup>2</sup>	Ingredient freeness wire insulation	<del>-</del>
onductor crosssection (wire) 0,34 mm <sup>2</sup>	Amount strands (wire)	42
	Diameter of single wires	0,1 mm
aterial conductor wire Stranded copper wire, bare	Conductor crosssection (wire)	·
	Material conductor wire	Stranded copper wire, bare

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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	6 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
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	DIN EN 60811-404   Good, application-related testing
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