

M12 male 0° / M12 female 90° A-cod.

PUR 3x0.34 ye UL/CSA+drag ch. 0.6m

Male straight - female 90°

M12 - M12, 3-pole

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

Plastic housings with good resistance against chemicals and oils.

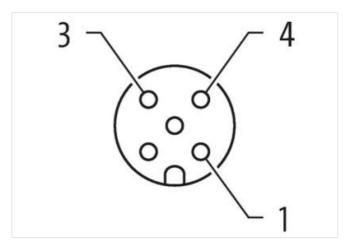
The resistance to aggressive media should be individually tested for your application. Further details on request.

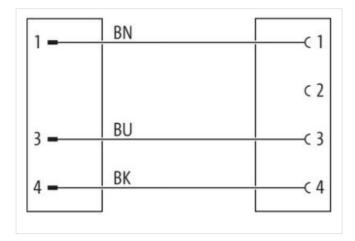
Further cable lengths on request.

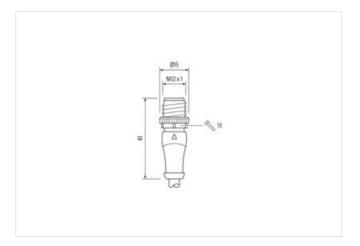
Link to Product

Illustration



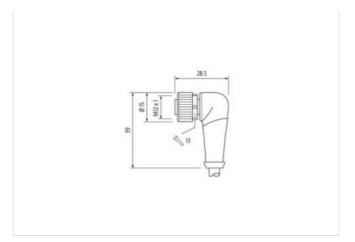


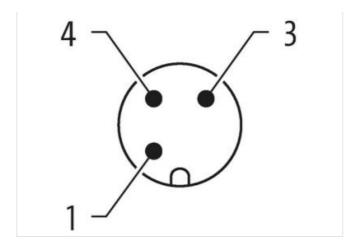






stay connected





Product may differ from Image



Cable length





0,6 m







	-1- ···
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
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
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879179829
Packaging unit	1

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: 2024-05-17



stay connected

250 V
250 V
30 V
30 V
4 A
M12 x 1
inserted, screwed
3
2,5 kV
Nickeled
nickel plated
Zinc die-casting
Zinc die-casting Zinc die-casting
insperted payaged Challing systemics
inserted, screwed, Shaking protection
-25 °C
85 °C
depending on cable quality
Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
DIN EN 61076-2-101 (M12)
033
3
yellow
cURus
1
3 wires twisted
brown, black, blue
brown, black, blue 29,7 g/m
29,7 g/m
29,7 g/m PUR
29,7 g/m PUR 90 ± 5 Shore A
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 %
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,1 mm ± 5 % PP
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 % PP 3
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 % PP 3 1,25 mm
29,7 g/m PUR 90 ± 5 Shore A lead-free, cadmium-free, CFC-free, halogen-free 4,1 mm ± 5 % PP 3 1,25 mm ± 5 %



Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
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	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
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min