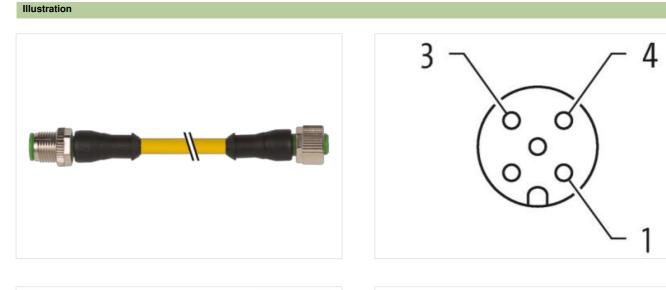


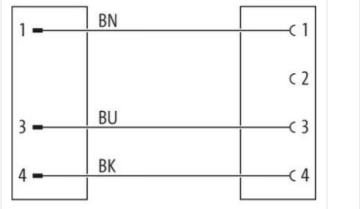
M12 male 0° / M12 female 0° A-cod.

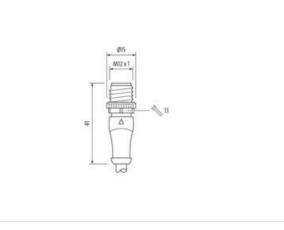
PUR 3x0.34 ye UL/CSA+robot+drag ch. 2m

Male straight – female straight 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

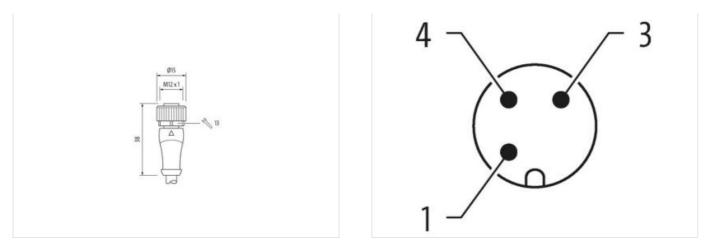






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20





Product may differ from Image



Cable length	2 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	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

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50 V 50 V 50 V 0 V 0 V A 12 x 1 serted, screwed 5 kV afe-cover coated
50 V 0 V 0 V A 12 x 1 serted, screwed 5 kV
50 V 0 V 0 V A 12 x 1 serted, screwed 5 kV
50 V 0 V 0 V A 12 x 1 serted, screwed 5 kV
0 V 0 V A 12 x 1 serted, screwed 5 kV
0 V A 12 x 1 serted, screwed 5 kV
A 12 x 1 serted, screwed 5 kV
12 x 1 serted, screwed 5 kV
serted, screwed 5 kV
serted, screwed 5 kV
5 kV
5 kV
afe-cover coated
afe-cover coated
afe-cover coated
ckel plated
nc die-casting
nc die-casting
serted, screwed, Shaking protection
5 ℃
5°C
epending on cable quality
rotect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ttention: Observe the permissible bending radii when laying cables, as the IP protection class can be indangered by excessive bending forces.
IN EN 61076-2-101 (M12)
own, black, blue
53
llow
JRus
wires twisted
iown, black, blue
9,7 g/m
UR
3 ± 3 Shore D
ad-free, cadmium-free, CFC-free, halogen-free, silicone-free
3 mm
5%
p
25 mm
5 %

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Shore hardness wire insulation	74 ± 3 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 ²
Material conductor wire	Stranded copper wire, bare
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 UL 1581 § 1100 FT2 IEC 60332-2-2
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 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