

M12 male 90° / M12 female 90° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 10m

Male 90° – female 90°

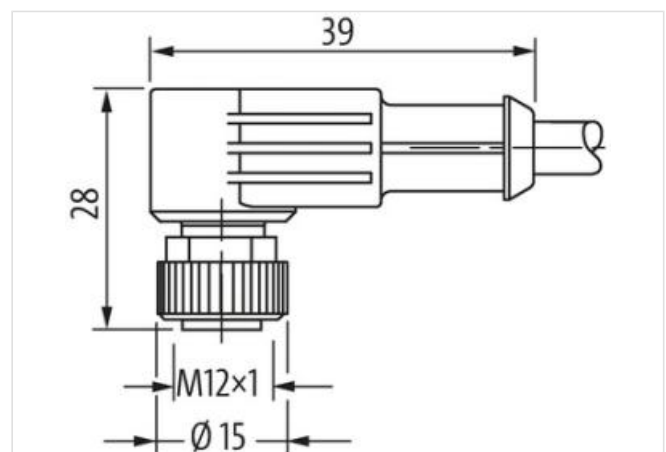
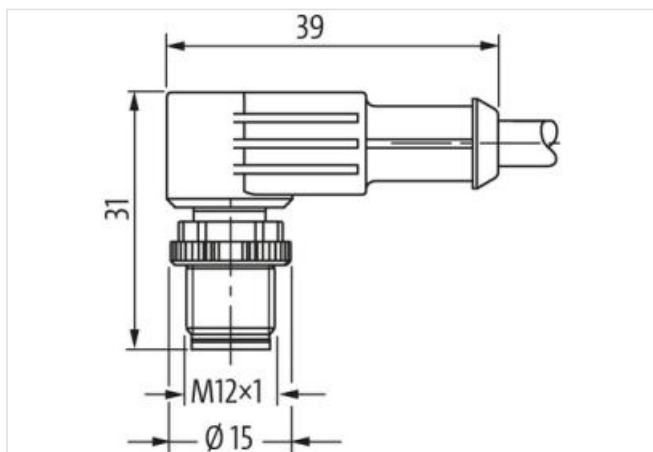
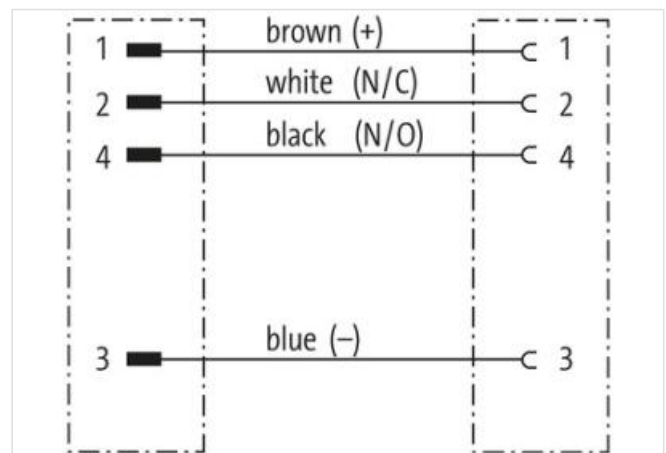
M12 – M12, 4-pole

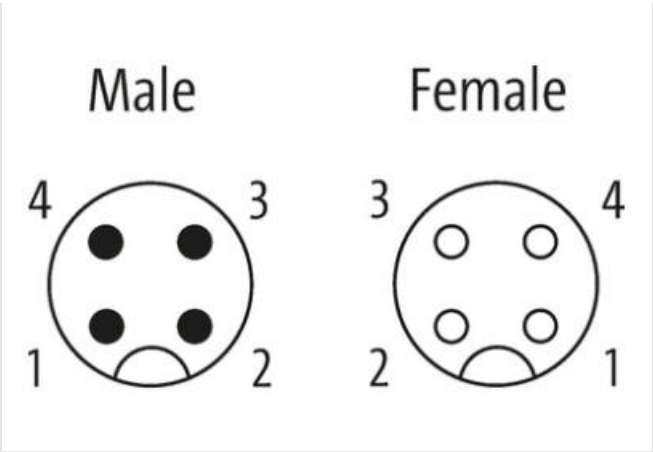
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

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**



Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque head 1	0,6 Nm
Mounting method	inserted, screwed
Family form head 1	M12
Thread	M12 x 1
Inner diameter contour for corrugated hose head 1	10 mm
Coding head 1	A
Material head 1	PUR
Width across flats head 1	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque head 2	0,6 Nm
Mounting method	inserted, screwed
Family form head 2	M12
Thread	M12 x 1
Inner diameter contour for corrugated hose head 2	10 mm
Coding head 2	A
Material head 2	PUR
Width across flats head 2	SW13
Degree of protection (EN IEC 60529)	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	4048879303477
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Packaging unit	1
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Electrical data | Supply

Operating voltage AC max.	250 V
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Operating voltage DC max.	250 V
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Operating voltage AC (UL-listed)	30 V
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Operating voltage DC (UL-listed)	30 V
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Current operating per contact max.	4 A
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Installation | Connection

Mounting set	M12 x 1
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Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Pollution Degree	3
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Coating of fitting	nickel plated
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Material screw connection	Zinc die-casting
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Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	85 °C
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Additional condition temperature range	depending on cable quality
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Conformities, approvals, certificates

Product standard	DIN EN 61076-2-101 (M12)
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Cable

Cable identification	634
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Cable Type	3 (PUR)
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Approval (cable)	cURus (AWM-Style 20549/10493); CE conform
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Cable weight [g/m]	36,3 g
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Material wire	Cu wire, bare
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Resistor (core)	max. 57 Ω/km (20 °C)
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Single wire Ø (core)	0.1 mm
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Construction (core)	42× 0.1 mm (multi-strand wire class 6)
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Diameter (core)	4× 0.34 mm ²
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AWG	similar to AWG 22
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Material wire isolation	PP
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Material property wire insulation	CFC-, halogen-, cadmium-, silicone- and lead-free
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Shore hardness wire isolation	70 ±5 D
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Wire-Ø incl. isolation	1.25 mm ±5%
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Color/numbering of wires	br, bk, bl, wh
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Stranding combination	4 wires twisted
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Shield	no
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Material jacket	PUR
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Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
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Shore hardness jacket	90 ±5 A
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Outer-Ø (jacket)	4.5 mm ±5%
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Color jacket	black
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chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
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thermal resistance	flame-retardant according to UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
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Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min