

M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 gy UL/CSA 4.5m

⚠ NOTICE ⚠**PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male straight – female straight

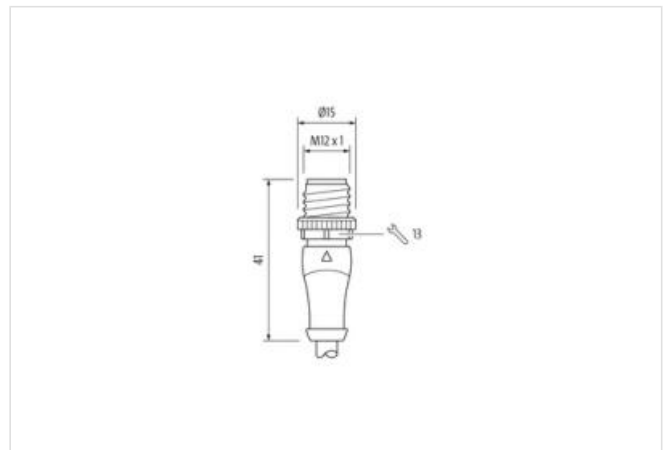
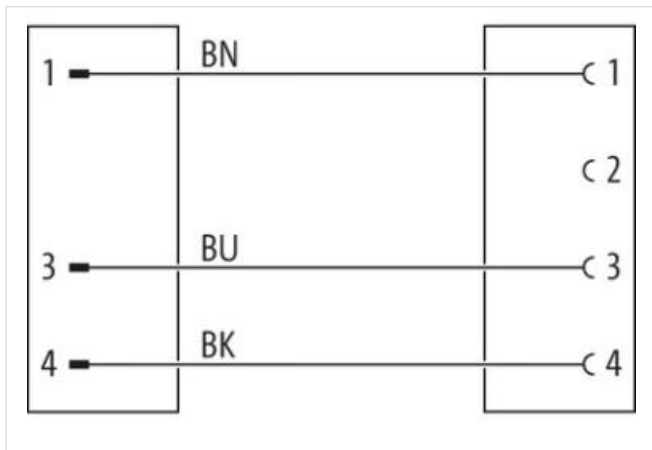
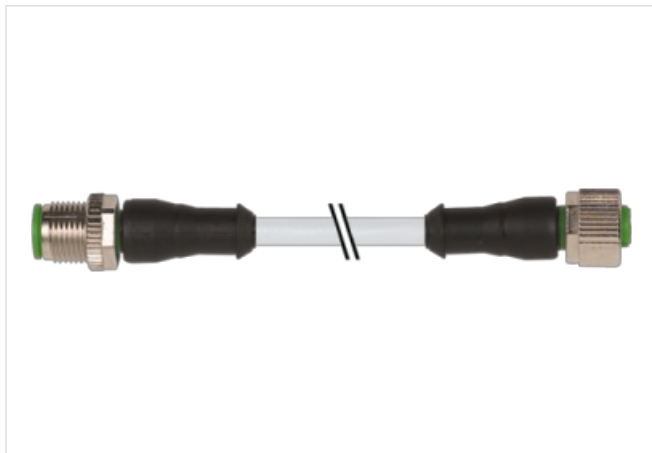
M12 – M12, 3-pole

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 naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	4,5 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
Commerciële gegevens	
ECLASS-6.0	27279218
ECLASS-6.1	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
Douane tarief nummer	85444290

GTIN	4048879558938
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Verpakkingseenheid	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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Rated surge voltage	2,5 kV
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Material group (IEC 60664-1)	I
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Mechanical data | Material data

Coating locking	Nickeled
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Coating of fitting	nickel plated
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Locking material	Zinc die-casting
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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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Conformity

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

Cable identification	223
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Cable Type	2 (PUR/PVC)
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Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
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Cable weight [g/m]	35,97 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)	42x 0.1 mm (multi-strand wire class 6)
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Diameter (core)	3x 0.34 mm²
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AWG	similar to AWG 22
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Material wire isolation	PVC
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Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
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Shore hardness wire isolation	43 ±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
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Stranding combination	3 wires twisted
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Shield	no
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Material jacket	PUR/PVC
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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	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
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Outer-Ø (jacket)	4.3 mm ±5%
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Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²