

M8 female 0° A-cod. with cable

PUR 4x0.34 bk UL/CSA 10m

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

Female straight

M8, 4-pole

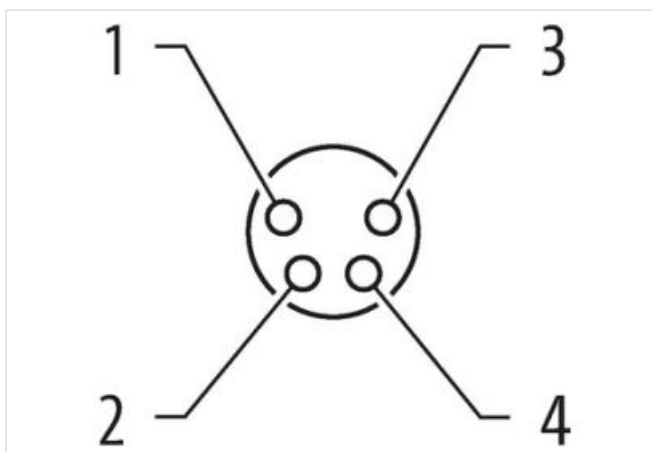
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

with cable sleeves

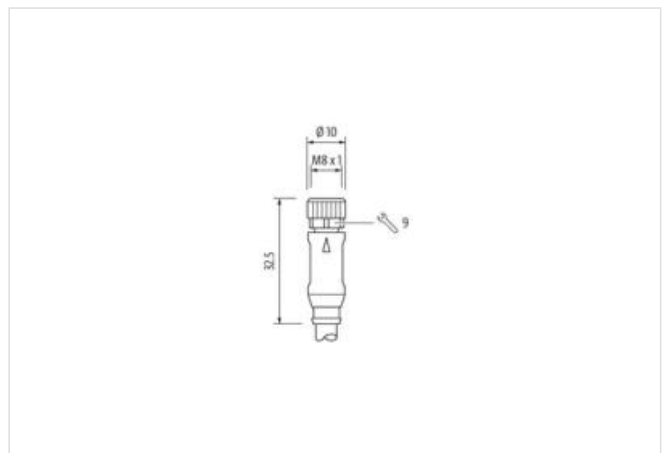
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

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

Product van afwijken van afbeelding



Cable length 10 m

Side 1

Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

Side 2

Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end

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	4048879229265
Verpakkingseenheid	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED	no
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Installation | Connection

Stripping length (jacket)	20 mm
Mounting set	M8 x 1

Device protection | Electrical

Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	Nickel
Coating of fitting	nickel plated
Material gasket	FKM

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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Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Conformity

Product standard	DIN EN 61076-2-104 (M8)
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Cable

Cable identification	624
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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]	42,68 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	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, wh
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Stranding combination	4 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)	4.6 mm ±5%
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Color jacket	black
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chemical resistance	good resistance to oil, gasoline and chemicals
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Nominal voltage	UL 300 V AC
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Test voltage	2000 V AC
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Current load capacity	to DIN VDE 0298-4
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Temperature range (fixed)	-30...+80 °C
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Temperature range (mobile)	-5...+80 °C
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Bending radius (fixed)	10× outer Ø
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Bending radius (dynamic)	15× outer Ø
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No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
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Travel speed (C-track)	max. 3.3 m/s
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Acceleration (C-track)	max. 5 m/s ²
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