

M8 male 0° / M8 female 0°

PUR 3x0.25 bk UL/CSA+robot+drag chain 0,6m

Male straight - female straight

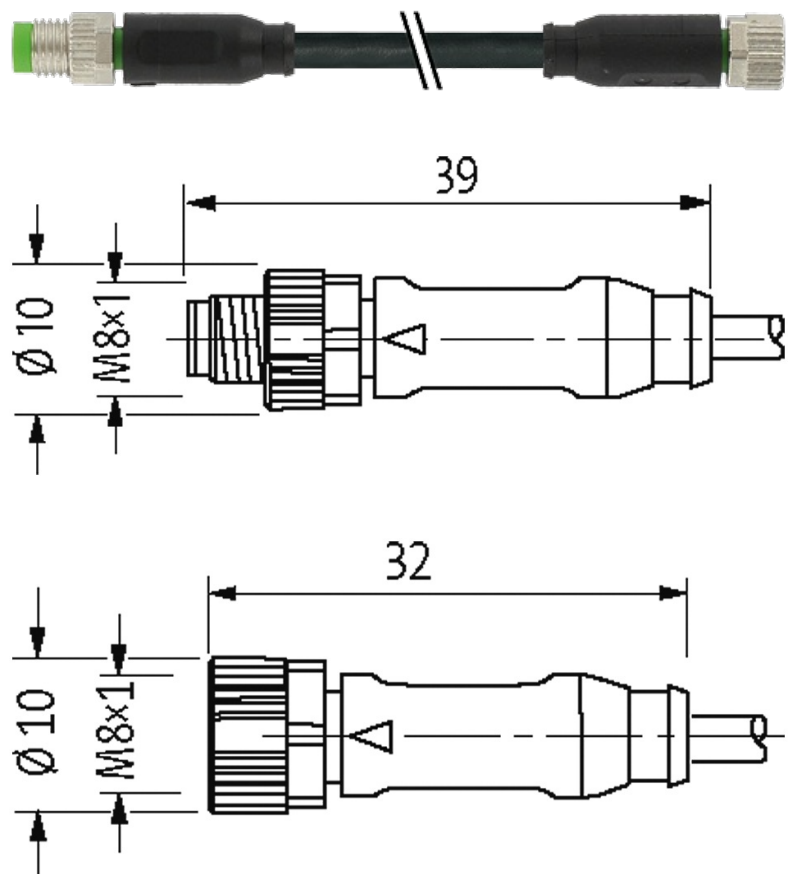
M8 - M8, 3-pole

with cable sleeves

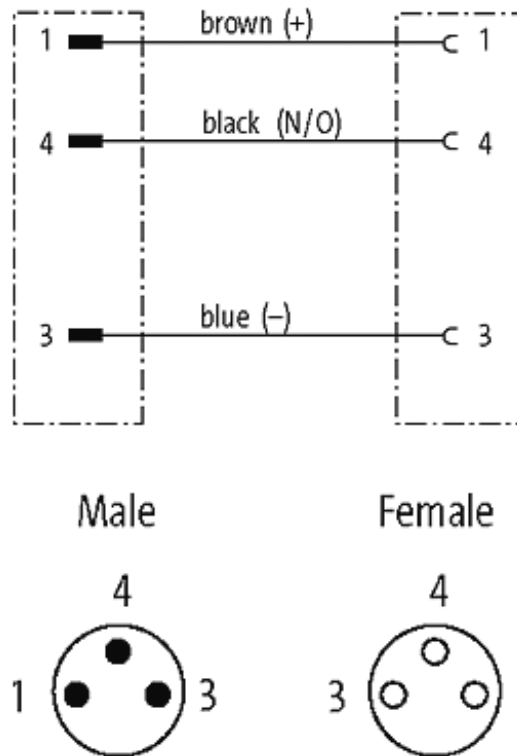
Art.-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Zinc die casting, save-cover coated

Further cable lengths 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.

Link to Product**Illustration**

stay connected



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form 88001

Cables

Cable identification	650
Cable type	5 (PUR schweißfunkenbeständig)
Approval (cable)	UL (AWM-Style 20549/10493), CSA
Cable weight [g/m]	26,40
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ohm/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32 × 0.1 mm (multi-strand wire class 6)
Diameter (core)	3 × 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	74 ±3 D
Wire-Ø incl. isolation	approx. 1.25 mm
Color/numbering of wires	br, bk, bl

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/17

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Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis-, microbial- and welding spark resistant
Shore hardness (jacket)	58 ±3 D
Outer-Ø (jacket)	4.3 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant to UL, FT2, IEC 60332-1, IEC 60332-2-2, welding spark resistant
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
Number of bending cycles (C-track)	max. 10 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±360°/m
Number of torsion cycles	max. 1 Mio. (25 °C)
Torsion speed	35 cycles per min

Technical Data

Operating voltage	max. 50 V AC/60 V DC
Operating voltage (only UL listed)	30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	3
Material group	IEC 60664-1, category I
LED display	no
Locking of ports	Screw thread M8 × 1 mm (recommended torque 0.4 Nm) self-securing
Compression gland	M8 (SW9)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	6.5 mm
Locking material	Zinc die casting, save-cover coated

General data

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Standards	DIN EN 61076-2-104 (M8)
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879130745
eClass	27279218
Packaging unit	1