

M8 female 0° with cable

PVC 3x0.34 gy CEI 5m

Female straight

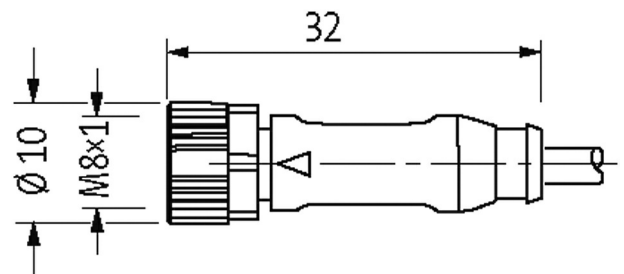
M8, 3-pole

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.

Illustration

Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form

Form 08041

General data

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
Stripping length (jacket)	20 mm
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable number	305
No./diameter of wires	3 × 0.34 mm ²
Wire isolation	PVC (br, bl, bk)
Outer Ø	4.6 mm ±5%
Jacket Color	gray
Material (jacket)	PVC (CEI 20-22)
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	305
Approval (cable)	CE conform
Cable weight [g/m]	35,20
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42 × 0.1 mm (multi-strand wire class 6)
Diameter (core)	3 × 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PVC
Shore hardness (wire isolation)	80 ±5 A
Wire-Ø incl. isolation	1.35 mm ±5%
Shield	no
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	80 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals (CEI 20-22 II)
Nominal voltage	300 V AC
Test voltage	2500 V AC
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (moving)	10× outer Ø

Technical Data

Operating voltage	max. 50 V AC/60 V DC
Operating voltage (only UL listed)	max. 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)

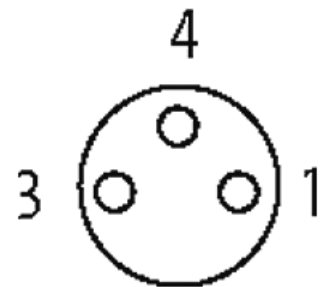
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	6.5 mm

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879230971
eClass	27279218
Packaging unit	1

Sketch

Female



Product may differ from Image