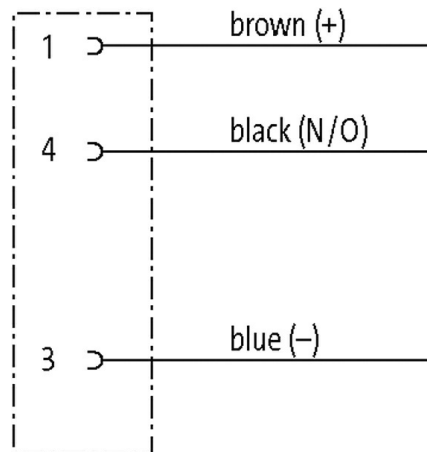
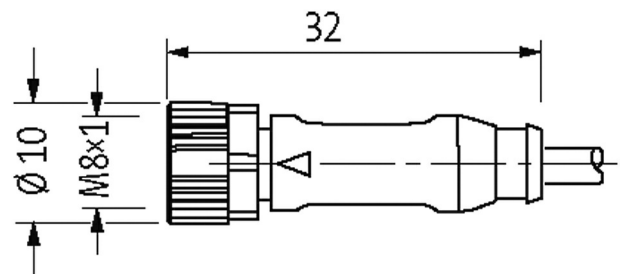


**M8 female 0° with cable**

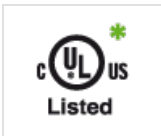
PUR 3x0.25 bk UL/CSA+drag chain 20m

Female straight  
M8, 3-pole  
with cable sleeves

The resistance to aggressive media should be individually tested for your application. Further details on request.  
Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request  
Plastic housings with good resistance against chemicals and oils.  
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)

Material (contact) Copper alloy

Material (gasket)	FKM
Stripping length (jacket)	20 mm
Mounting method	inserted, tightened
Material (contact surface)	Au
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

### Cables

No./diameter of wires	3 × 0.25 mm <sup>2</sup>
Wire isolation	PP (br, bl, bk)
C-track properties	5 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	4.6 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C
Cable identification	644
Cable Type	3 (PUR)
Approval (cable)	UL (AWM-Style 21223/10492), CSA
Cable weight [g/m]	28,05
Material (wire)	Cu wire, bare
Resistor (core)	max. 79 Ω/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 <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	65 ±5 D
Wire-Ø incl. isolation	1.35 mm ±5%
Color/numbering of wires	br, bk, bl
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 and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	4.6 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	600 V AC
Test voltage	2000 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. 5 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 <sup>2</sup>

Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

#### Technical Data

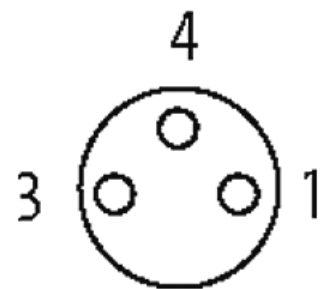
Operating voltage	max. 50 V AC/60 V DC
Rated surge voltage	1.5 kV
No. of poles	3
LED display	no
Compression gland	M8 (SW9)
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	6.5 mm
Operating voltage (only UL listed)	30 V AC/DC
Operating current per contact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

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879686235
eClass	27279218
Packaging unit	1

#### Sketch

Female



Product may differ from Image