

**M8 female 90° with cable, 180°**

PUR 8x0.14 bk 7,5m

Female 90°

M8, 8-pole

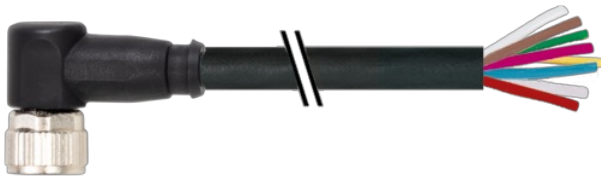
with cable sleeves

Attention: Contact carrier turned to 180°!

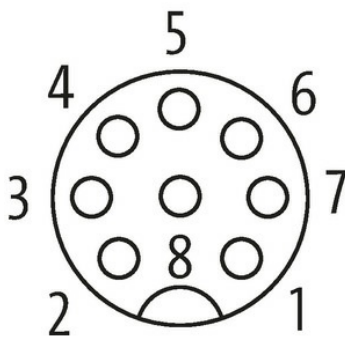
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

[Link to Product](#)**Illustration**

1	white
2	brown
3	green
4	yellow
5	gray
6	pink
7	blue
8	red

**Female**

Product may differ from Image

**Form**

Form

08972

**Technical Data**

Operating voltage	max. 30 V AC/DC
Operating current per contact	max. 1.5 A
No. of poles	8
Mating cycles	≥ 100
LED display	no
Locking of ports	Screw thread (M8×1 mm) recommended torque 0.4 Nm, self-securing
Compression gland	M8 (SW9)
Protection	IP67 inserted and tightened (EN 60529)
Material	TPU
Locking material	Zinc die casting, matte nickel plated

#### General data

Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FPM
Pollution Degree	3/2
Temperature range	-30...+80 °C

#### Cables

Cable identification	696
Material (wire)	Cu wire, bare
Resistor (core)	max. 78 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	18× 0.1 mm (multi-strand wire class 6)
Diameter (core)	8× 0.14 mm <sup>2</sup>
AWG	similar to AWG 14
Material (wire isolation)	PP
Wire-Ø incl. isolation	1.07 mm ±5%
Stranding combination	8 wires twisted around central filler
Shield	no
Material (jacket)	PUR
Outer-Ø (jacket)	5.5 mm ±5%
Color (jacket)	black
Jacket Color	black
Nominal voltage	300 V
Test voltage	3000 V AC
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-15...+80 °C
Bend radius (fixed)	6× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 5 m/s
Acceleration (C-track)	max. 10 m/s <sup>2</sup>

#### Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879783521
eClass	27279218
Packaging unit	1.000