

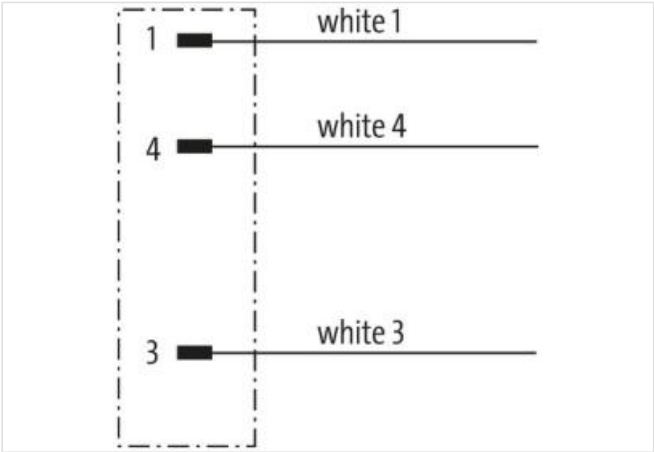
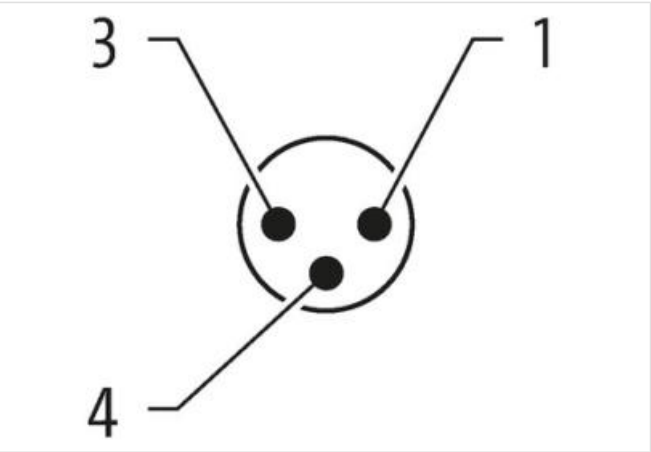
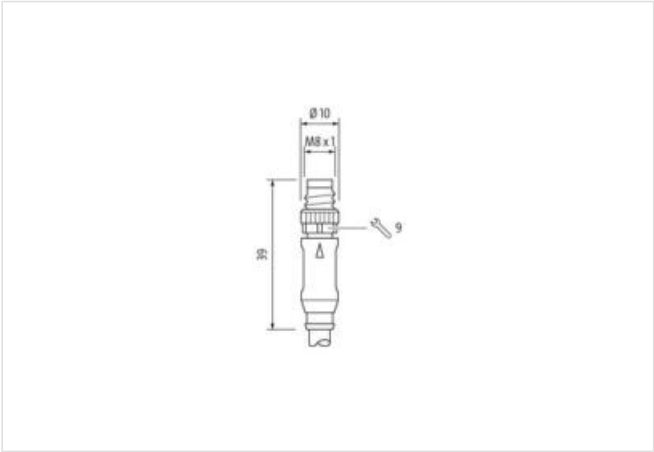
**M8 male 0° with cable**

RADOX EM 104 3x0.5 bk 2m

Male straight  
M8, 3-pole  
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 to Product](#)**

**Illustration**



Product may differ from Image



Cable length 2 m

**Side 1**

Tightening torque 0,4 Nm

Mounting method inserted, screwed

Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

#### Side 2

Stripping length (jacket) 40 mm

#### Commercial data

ECLASS-6.0	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
customs tariff number	85444290
GTIN	4048879746045
Packaging unit	1

#### Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A

#### Diagnostics

Status indication LED no

#### Installation | Connection

Stripping length (jacket) 40 mm

#### 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 plated
Material housing	PUR
Locking material	Brass

#### Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

#### Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

#### Conformity

Product standard DIN EN 61076-2-114 (M8)

#### Installation | Cable

Cable identification	R02
Printing color of wire insulation	black (white isolation)
Printing spacing of wire insulation	15 mm

Jacket Color	black
Stranding	3 wires twisted
wire arrangement	white 3, white 2, white 1
Cable weight	41,8 g/m
Material jacket	Radox EM 104
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	Radox EI 303
Amount wires	3
Outer diameter insulation	1,42 mm
Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulation	black (white isolation)
Printing spacing of wire insulation	15 mm
Amount strands (wire)	19
Diameter of single wires	0,18 mm
Conductor crosssection (wire)	0,5 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 A
Electrical resistance line constant wire	40,1 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	600 V
Max. rated voltage power (conductor - conductor)	1000 V
Power frequency withstand voltage power (wire - jacket)	3,5 kV
AC withstand voltage power (wire - wire)	3,5 kV
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	120 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	3 x Outer diameter
Bending radius (dynamic)	4 x Outer diameter