

**M8 male 0° / M8 female 0°**

RADOX EM 104 4x0.5 bk 0,3m

Male straight – female straight

M8 – M8, 4-pole

with cable sleeves

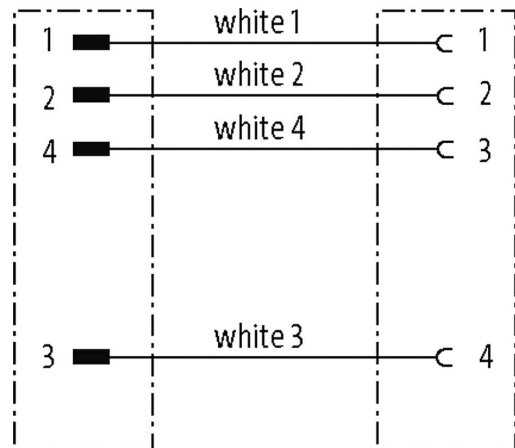
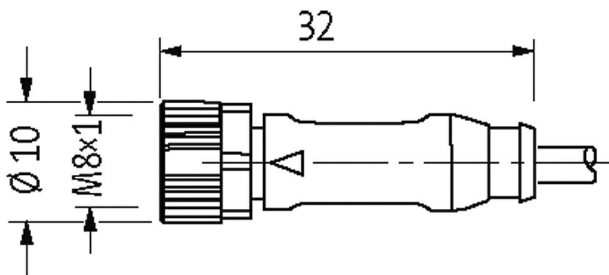
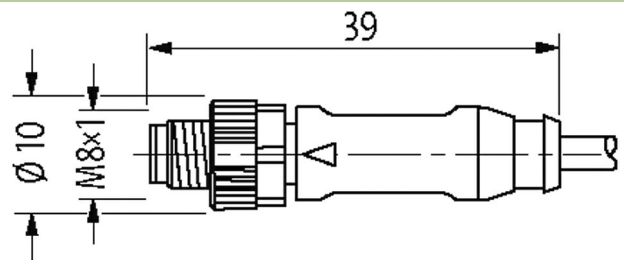
Plastic housings with good resistance against chemicals and oils.

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**



Male

Female



Product may differ from Image

**Form**

Form 88011

**Technical Data**

Operating voltage	max. 50 V AC/60 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	4

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
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	6.5 mm

#### 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
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

Cable identification	R03
Approval (cable)	DIN EN 45545-2, CE conform
Cable weight [g/m]	62,70
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 40.1 Ω/km (20 °C)
Single wire Ø (core)	0.18 mm
Construction (core)	19× 0.18 mm
Diameter (core)	4× 0.5 mm <sup>2</sup>
AWG	similar to AWG 20
Material (wire isolation)	Radox EI 303
Wire-Ø incl. isolation	1.42 mm ±5%
Color/numbering of wires	wh (bk num)
Stranding combination	4 wires twisted
Shield	no
Material (jacket)	Radox EM 104
Outer-Ø (jacket)	5.0 mm ±5%
Color (jacket)	black
Nominal voltage	600/1000 V AC
Test voltage	3500 V AC
Current load capacity	according to DIN VDE 0298-4
Temperature range (fixed)	-50...+120 °C
Temperature range (mobile)	-25...+90 °C
Bend radius (fixed)	3× outer-Ø
Bend radius (moving)	4× outer-Ø
Jacket Color	black

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879743327
eClass	27279218
Packaging unit	1