

**M12 male 0° / M12 male 0° D-cod. shielded**

RADOX EM 104 4xAWG22 shielded bk 7.5m

Transmission properties with channel transmission up to 100 m

Ethernet CAT5

Male straight – male straight

M12 – M12, 4-pole

D-coded

shielded

Transmission properties with channel transmission up to 100 m

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

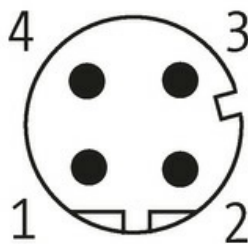
The resistance to aggressive media should be individually tested for your application. Further details on request.

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

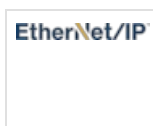
Male



Male



Product may differ from Image

**Form**

Form

44511

**Technical Data**

Operating voltage

max. 60 V DC

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

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Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Material group	IEC 60664-1, category I
Coding	D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	without

#### General data

Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

#### Cables

Cable identification	R64
Cable weight [g/m]	77 g
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 55 Ω/km (20 °C)
Single wire Ø (core)	0.18 mm
Construction (core)	19× 0.18 mm
Diameter (core)	4× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Wire-Ø incl. isolation	1.55 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
Material (jacket)	Radox EM 104
Outer-Ø (jacket)	6.6 mm ±5%
Color (jacket)	black
Nominal voltage	300 V AC
Test voltage	2000 V AC
Temperature range (fixed)	-50...+90 °C
Temperature range (mobile)	-40...+90 °C
Bend radius (fixed)	6× outer Ø
Bend radius (moving)	10× outer Ø

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879696869
eClass	27061801
Packaging unit	1.000