

M12 male 0° / M12 male 0° shielded Ethernet

RADOX EM 104 4xAWG22 shielded bk 10m

Ethernet CAT5

Male straight – male straight

M12 – M12, 4-pole

D-coded

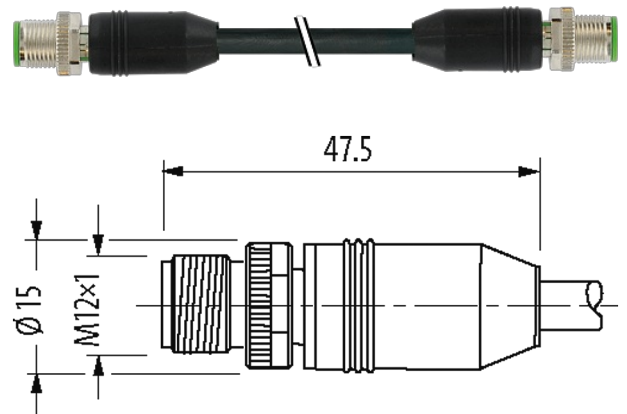
shielded

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.

Transmission properties with channel transmission up to 100 m

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

Product may differ from Image

More Info**Form**

Form 44511

General data

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

Cables

Cable identification	R64
Cable weight [g/m]	77,00
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 55 Ω /km (20 °C)
Single wire \varnothing (core)	0.18 mm
Construction (core)	19x 0.18 mm

Diameter (core)	4 × 0.34 mm ²
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

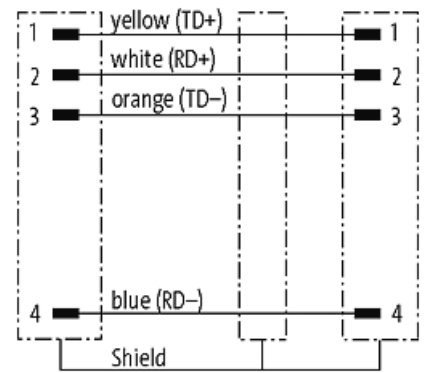
Technical Data

Operating voltage	max. 60 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

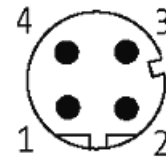
country of origin	DE
customs tariff number	85444290
EAN	4048879696876
eClass	27061801
Packaging unit	1

Sketch



Male

Male



Product may differ from Image