

M12 male 0° / RJ45 male 0° D-cod. shielded

RADOX EM 104 4xAWG22 shielded bk 1m

Transmission properties with channel transmission up to 100 m

Male straight – male straight

M12 – RJ45, 4-pole

D-coded

shielded

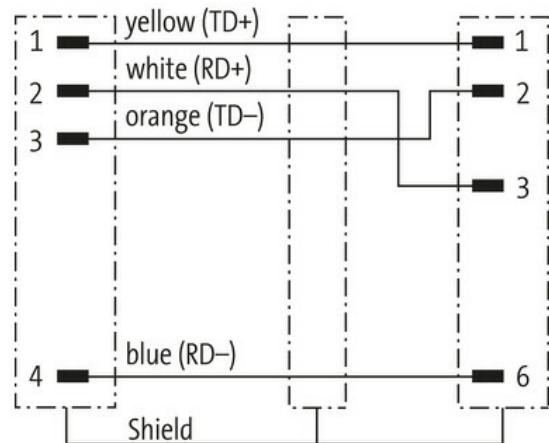
Ethernet CAT5e

with cable sleeves

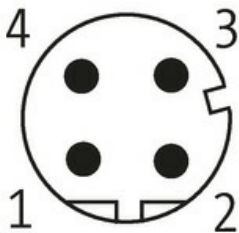
Further cable lengths on request.

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.

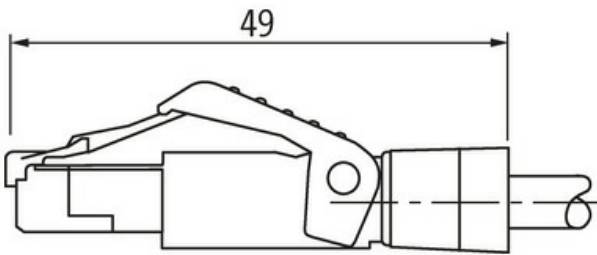
[Link to Product](#)**Illustration**

Male



Male





Product may differ from Image

EtherNet/IP



EtherCAT

Form

Form 44711

Technical Data

Operating voltage	max. 60 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Transfer parameters	CAT5e, 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	M12, D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP67 (M12) - IP20 (RJ45)
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)
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 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

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879757010
eClass	27061801
Packaging unit	1.000