

**M12 male 90° / RJ45 0° shielded Ethernet**

TPE 22AWG SF/UTP CAT5e gn UL/CSA, ITC/PLTC 10m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Male 90° – male straight

M12 – RJ45, 4-pole

D-coded

shielded

USA

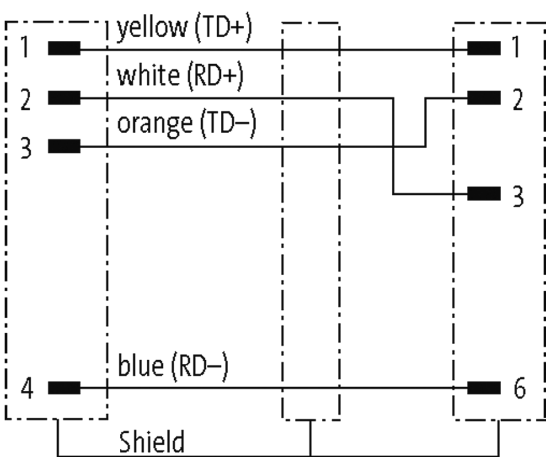
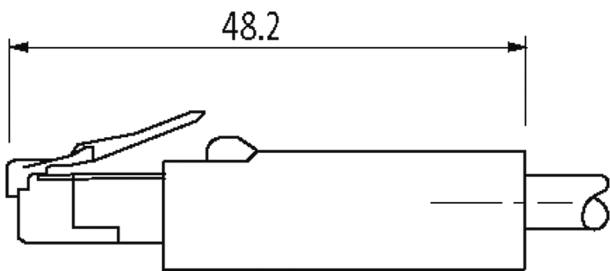
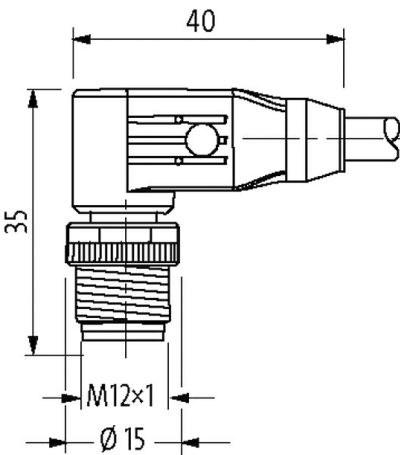
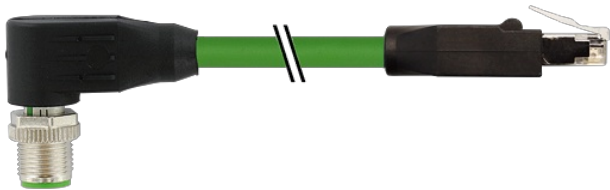
without cable sleeves

Protection cap

Further cable lengths on request.

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

Illustration



Product may differ from Image

Approvals



\* only for products with UL/CSA approved cable

More Info

**Form**

Form 44761

**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 number	S7V
No./diameter of wires	2 × 2 × 0.34 mm <sup>2</sup>
Wire isolation	HDPE (wh, ye, bl, or)
C-track properties	1 Mio.
Jacket Color	green
Material (jacket)	TPE (UL)
Outer Ø	7.9 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	S7V
Cable weight [g/m]	74,80
Material (wire)	Cu wire, tin plated
Construction (core)	19 × 0.16 mm (multi-strand wire class 5)
Diameter (core)	2 × 2 × 0.34 mm <sup>2</sup>
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.42 mm ±5%
Shield	yes
Material (jacket)	TPE
Outer-Ø (jacket)	7.9 mm ±5%
Color (jacket)	green
Bend radius (fixed)	5 × outer Ø
Torsion stress	3 Mio.

**Technical Data**

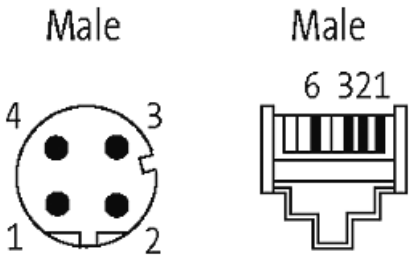
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Material group	IEC 60664-1, category I
No. of poles	4
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	M12, D-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)

Protection	IP67 (M12) - IP20 (RJ45)
Locking material	Zinc die casting, matte nickel plated (M12)
Material	PUR
suitable for corrugated tube (internal Ø)	without

**Commercial data**

country of origin	DE
customs tariff number	85444210
EAN	4048879668590
eClass	27061801
Packaging unit	1

**Sketch**



Product may differ from Image