

M12 male 0° / M12 male 0° shielded Ethernet

TPE 22AWG SF/UTP CAT5e gn UL/CSA,ITC/PLTC 12m

USA

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

Ethernet CAT5

Male straight – male straight

M12 – M12, 4-pole

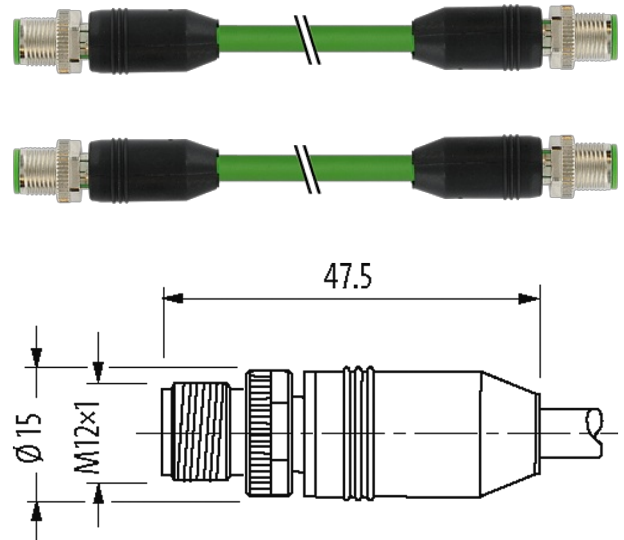
D-coded

shielded

without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

More Info

EtherNet/IP

**Form**

Form 44511

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 ²
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 ²
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.

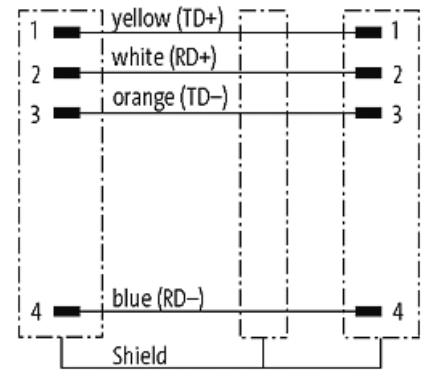
Technical Data

Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
No. of poles	4
Configuration	fully used
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	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	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

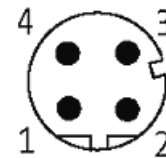
Commercial data

country of origin	DE
customs tariff number	85444290

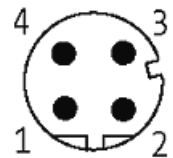
EAN	4048879653930
eClass	27061801
Packaging unit	1

Sketch

Male



Male



Product may differ from Image