

**M12 male 0° D-cod. with cable shielded**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 1.5m

USA

Ethernet CAT5

Male straight

M12, 4-pole

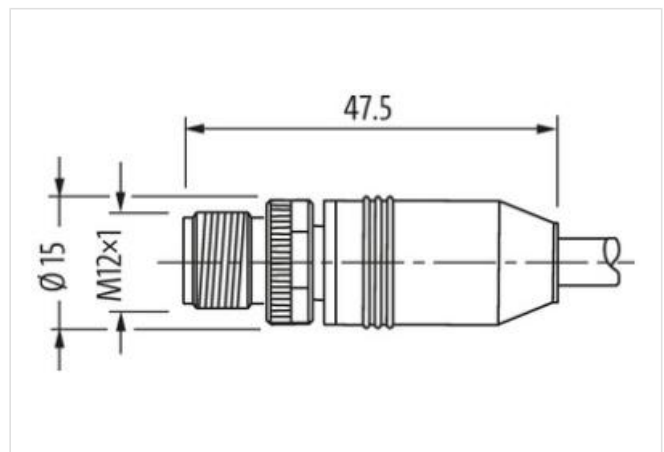
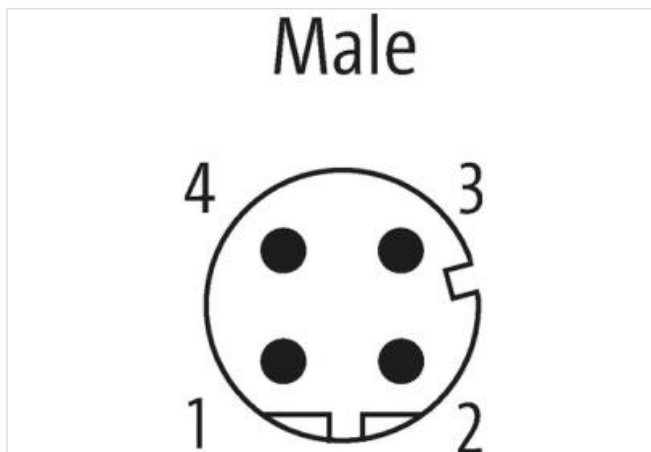
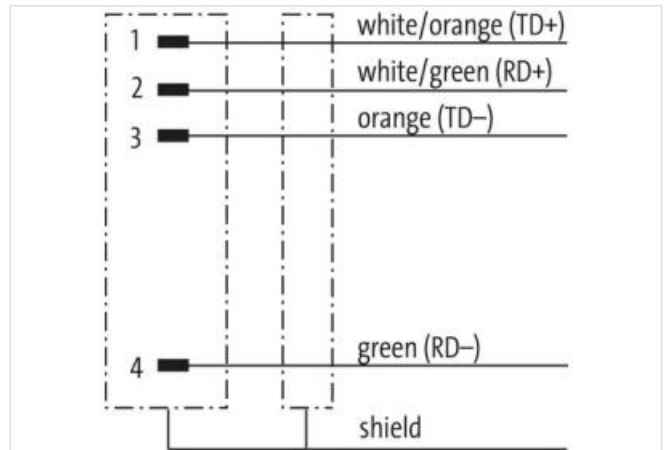
D-coded

shielded

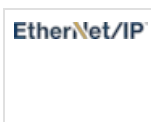
Further cable lengths on request.

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.

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

Product may differ from Image



Cable length

1,5 m

Side 1	
Mounting method	inserted, screwed
Family form head 1	M12
Number of poles head 1	4
Classifications	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
Electrical data   Supply	
Operating voltage DC max.	60 V
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet functionality	
duplex	Full duplex
Device protection   Electrical	
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Pollution Degree	3
Environmental characteristics   Climatic	
Operating temperature min. (dynamic)	-25 °C
Min. operating temperature (static)	-25 °C
Operating temperature max. (dynamic)	80 °C
Max. operating temperature (fixed)	80 °C
Cable	
Cable identification	S4U
Cable weight [g/m]	55,66 g
Material wire	Cu wire, tin plated
Construction (core)	7× 0.203 mm
Diameter (core)	2× 2× 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material wire isolation	HDPE
Wire-Ø incl. isolation	1.22 mm ±5%
Color/numbering of wires	(wh-or, or) + (wh-gn, gn)
Stranding combination	2 pairs twisted together
Shield	yes
Shield (Type)	Copper braid
Optical shield cover	min. 75%
Material jacket	TPE
Outer-Ø (jacket)	6.6 mm ±5%
Color jacket	blue
Nominal voltage	1500 V AC
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 35 Mio. (25 °C)

Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s <sup>2</sup>
Torsion stress	±270°/m
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min

**Commercial data**

customs tariff number	85444290
GTIN	4048879581325
Packaging unit	1