

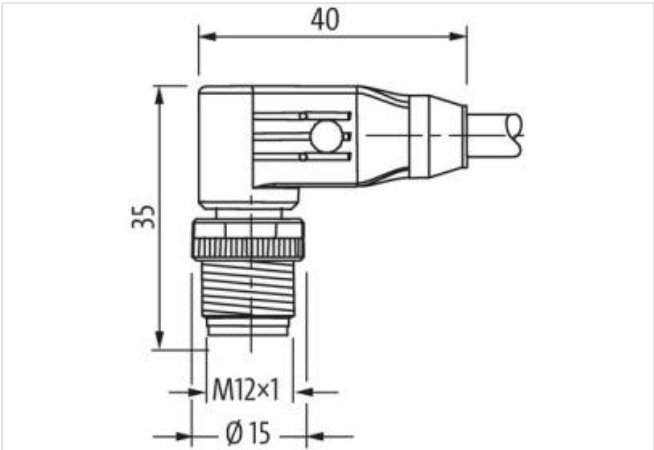
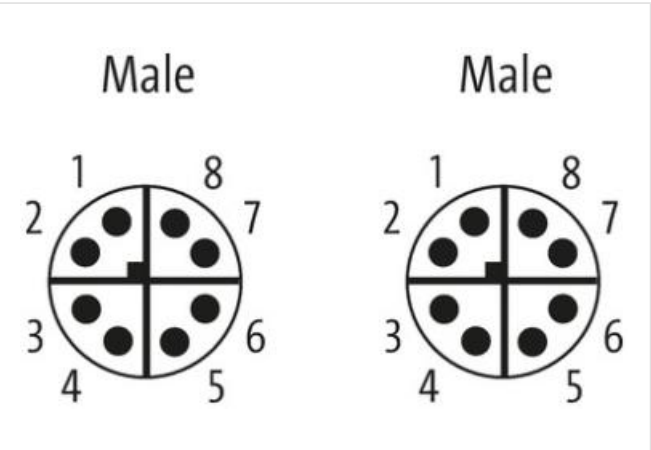
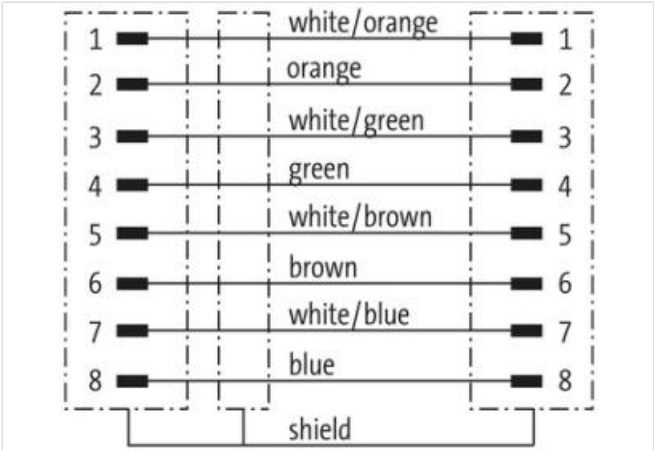
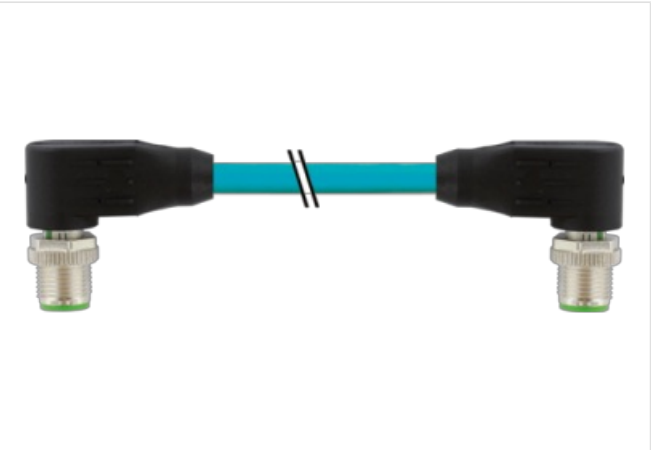
M12 male 90° / male 90° X-cod. shielded

TPE 4x2x26AWG SF/UTP CAT6a bu UL/CSA. CMR 5m

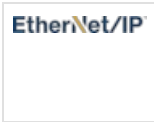
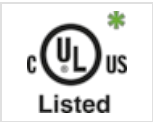
Ethernet CAT6A  
The resistance to aggressive media should be individually tested for your application. Further details on request.  
Male 90° – male 90°  
M12 – M12, 8-pole  
X-coded  
shielded  
without cable sleeves  
Transmission properties with channel transmission up to 50 m  
Further cable lengths on request.  
Plastic housings with good resistance against chemicals and oils.

Link to Product

Illustration



Product may differ from Image



\* only for products with UL/CSA approved cable

Form

Form 51021

Technical Data	
Operating voltage	max. 50 V AC/60 V DC
Rated surge voltage	1.5 kV
No. of poles	8
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	10 Gbit/s
Material group	IEC 60664-1, category I
General data	
Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality
Cables	
Cable identification	S4X
Approval (cable)	UL (AWM-Style 2463/11547), CSA
Cable weight [g/m]	65,48 g
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 140 Ohm/km
Single wire Ø (core)	0.16 mm
Construction (core)	7× 0.16 mm
Diameter (core)	4× 2× 0.14 mm <sup>2</sup>
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	0.9 mm ±5%
Color/numbering of wires	(wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br)
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	7.4 mm ±5%
thermal resistance	flame retardant
Nominal voltage	600 V
Test voltage	max. 1.5 kV AC (2s)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s <sup>2</sup>
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min
Product article number of manufacturer	7700-51021-S4X0500
Cable length	5 m