

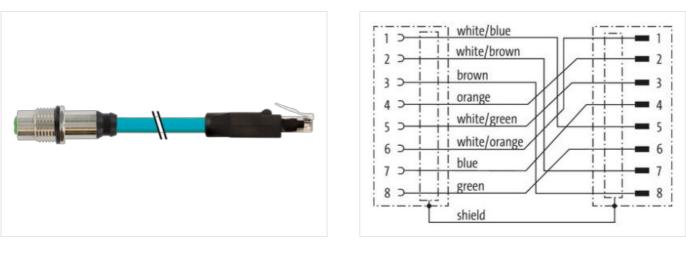
## M12 fem.recept. A-cod. rear/RJ45 male 0° shielded

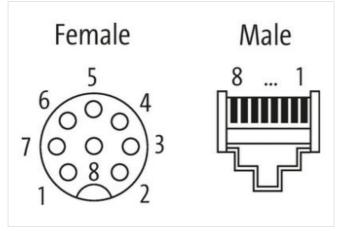
TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 1.2m

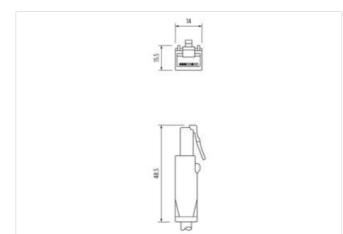
Ethernet CAT5 The resistance to aggressive media should be individually tested for your application. Further details on request. Flange female straight – male straight M12 – RJ45, 8-pole M12, A-coded shielded Rear mounting Protection cap Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product

Illustration







Product may differ from Image



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inserted, screwed
M12
8
incorted correspond
inserted, screwed RJ45
8
0
27061801
27061801
27061801
27061801
27060307
27060307
27060307
EC002599
85444290
4048879671613
1
60 V
60 V
CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
1000 MBit/s
2
0,8 kV
-25 °C
85 °C
depending on cable quality
Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
S4W
blue
cURus
4
2 wires twisted
4 Stranded joints twisted
Foil
(orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green)
74,8 g/m
TPE

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Outer-diameter (jacket)	7,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	1,17 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	59 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Electrical capacity line constant (wire - wire)	49000 pF/km
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. 25 °C
Torsion stress	± 270 °/m

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