

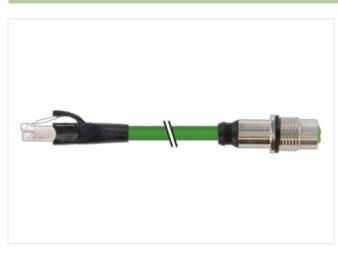
M12 fem. recept. X-cod. / RJ45 male 0° shielded

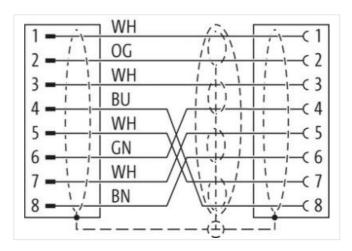
PUR 4x2xAWG26 shielded gn UL/CSA 10m

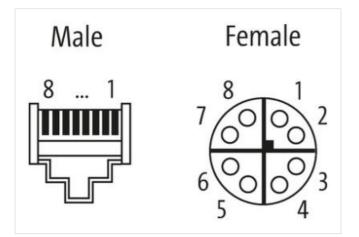
Ethernet CAT6A The resistance to aggressive media should be individually tested for your application. Further details on request. Flange female straight – male straight RJ45 – M12, 8-pole X-coded Product fulfills requirements according to UN/ECE R118 shielded Rear mounting Transmission properties with channel transmission up to 50 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

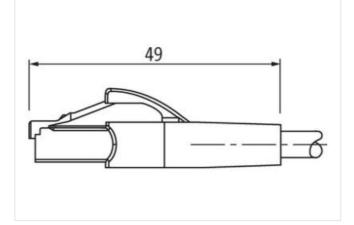
Link to Product

Illustration









Product may differ from Image



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Cable length	10 m
Side 1	
Mounting method	inserted, screwed
Family construction form	RJ45
Cable outlet	straight
Material	PUR
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating head	nickel plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	X
Material	
No. of poles	Brass 8
Width across flats	8 SW19
Degree of protection (EN IEC 60529)	IP67
	IP0/
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879648622
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	30 V
Current operating per contact max.	0,5 A
Industrial communication	
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10 GBit/s
Diagnostics	
Status indication LED	no
Installation Connection	
Family construction form	M12
Device protection Electrical	
Protection NEMA	3, 4, 6P
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
Mechanical data	
	without
Contour for corrugated hose mation in this Product-PDF has been compiled with t	without

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Mechanical data | Material data

Coating locking nickel plated Locking material Brass Metchanical data Mounting data inserted, screwed, Shaking protection Environmental characteristics Climatic Coating temporature min. Operating temporature min. -25 °C Operating temporature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable Conformity Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable Value on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-109 (M12) Approvals UL SoE yes Lis SoE yes Installation Cable Cable identification 790 Jacket Color Type of Catificate CURus Amount stranding Amount stranding 4 Stranding (type 2)	
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Shore hardness wire insulation 65 Shore D	
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	
Amount strands (wire) 7	
Diameter of single wires 26 AWG	
Conductor crosssection (wire) 26 AWG	
Material conductor wire Stranded copper wire, bare	
Loop resistance 5000 MΩ × km	
Nominal voltage AC max. 125 V	
Current load capacity (standard) to DIN VDE 0298-4	
Current load capacity min. wire 2 A	
Electrical resistance line constant wire 140 Ω/km @ 20 °C	
AC withstand voltage (wire - wire) 2 kV @ 60 s	
Electrical capacity line constant (wire - wire) 44000 pF/km	

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Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter

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