M12 male 0° X-cod. IDC

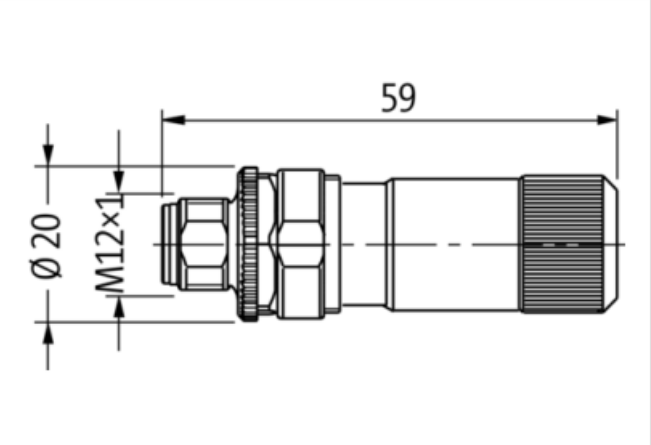
8-pol., AWG27-22, 5,5 - 9 mm, CAT6A

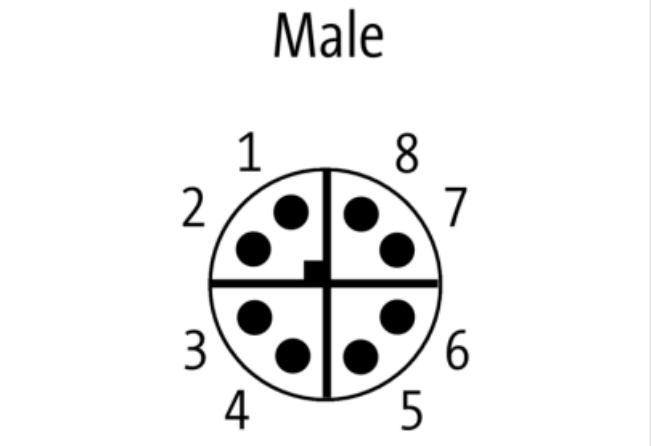
Art.No.: 7000-21101-0000000
Weight: 0.090 kg
Country of origin: TW
Model designation: M12 Stecker ger.8p. IDC geschirmt x-kod.

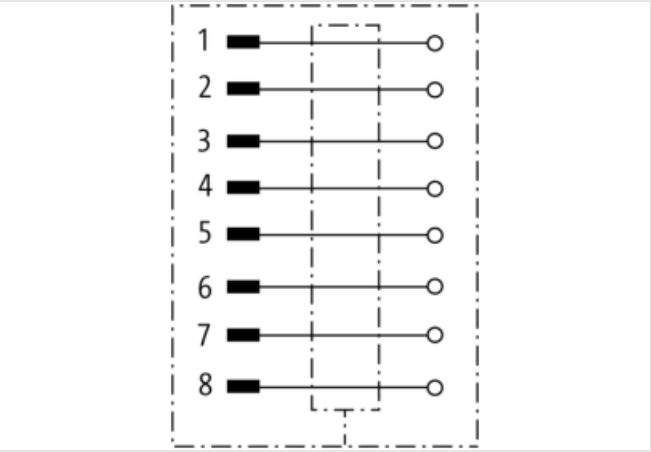
Ethernet Cat6A
Male straight
M12, 8-pole
X-coded
Shielded
IDC terminals
Sealing range (cable Ø): 5.5...9 mm

Link to Product

Illustration







Product may differ from Image

Side 1-1

Family construction form	M12
Coding	X
Degree of protection (EN IEC 60529)	IP67

Commercial data

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URL webshop	https://shop.murrelektronik.com/7000-21101-0000000
GTIN	4048879503990
EU-Customs tariff number	85366990
US-Customs tariff number	8536694020
ECLASS-6.0	27279220
ECLASS-6.1	27260702
ECLASS-7.0	27440102
ECLASS-7.1	27440102
ECLASS-8.0	27440102
ECLASS-8.1	27440102
ECLASS-9.0	27440106
ECLASS-9.1	27440106
ECLASS-10.0.1	27440106
ECLASS-10.1	27440102
ECLASS-11.0	27440106
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440106
ECLASS-14.0	27440106
ETIM-5.0	EC002635
ETIM-6.0	EC002635
ETIM-7.0	EC002635
ETIM-8.0	EC002635
ETIM-9.0	EC002635
ETIM-10.0	EC002635
customs tariff number	85366990
EAN	4048879503990
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	0.5 A
Industrial Communication	
Transmission rate max.	10 Gbit/s
Transfer parameters	Cat6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Installation	
Connection cross section min.	0.14 mm²
Connection cross section max.	0.34 mm²
Installation | Connection	
Tightening torque	0.6 Nm
Width across flats	SW 18
Device protection | Electrical	
Additional condition degree of protection	Inserted, Screwed
Mechanical data | Material data	
Housing	Brass
Coating housing	Nickel plated
Mechanical data | Mounting data	
Clamping range min.	5.5 mm
Clamping range max.	9 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C

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Operating temperature max.	85 °C
Important installation notes	
Note on bending radius	**Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	EN/IEC 61076-2-109 (M12), EN 50121-3-2, EN 50121-4
Shock and vibration resistance	EN 50155
Fire protection	EN 45545-2, Requirement set R26

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