

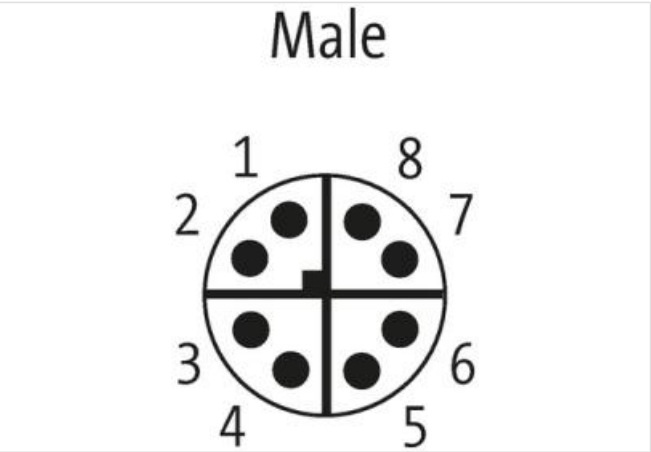
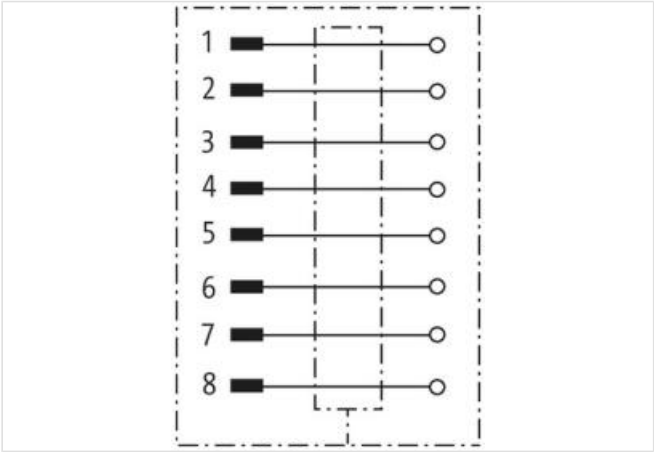
M12 male 0° X-cod. IDC

8-pol., AWG26-22, 5,5 - 9 mm, CAT6A

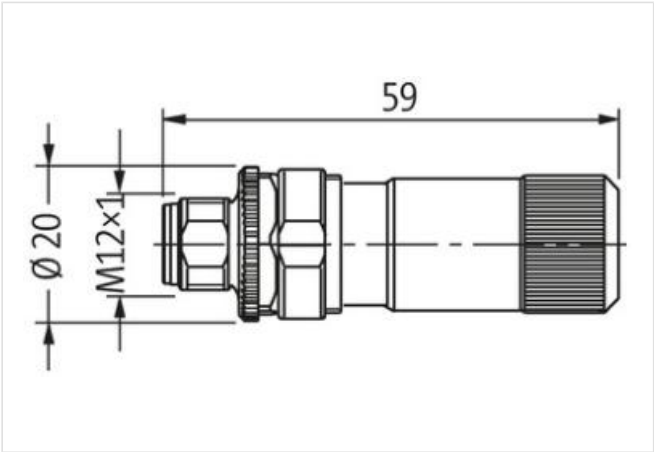
Ethernet CAT6A
Male straight
M12, 8-pole
X-coded
shielded
IDC terminals
Sealing range (cable Ø): 5.5...9 mm

[Link to Product](#)

Illustration



Product may differ from Image



Side 1

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

Commercial data

ECLASS-6.0	27279220
ECLASS-6.1	27260702
ECLASS-7.0	27440102

ECLASS-8.0	27440102
ECLASS-9.0	27440116
ECLASS-10.1	27440102
ECLASS-11.1	27440102
ECLASS-12.0	27440116
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	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

Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10000 MBit/s

Installation

Connection cross section min.	0,14 mm²
Connection cross section max.	0,34 mm²

Device protection | Electrical

Additional condition protection degree	inserted, screwed
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Mechanical data | Material data

Coating housing	nickel plated
Material housing	Brass

Mechanical data | Mounting data

Clamping range min.	5,5 mm
Clamping range max.	9 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	85 °C

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.

Conformity

Product standard	DIN EN 61076-2-114 (M8)
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