MURR ELEKTRONIK
stay connected

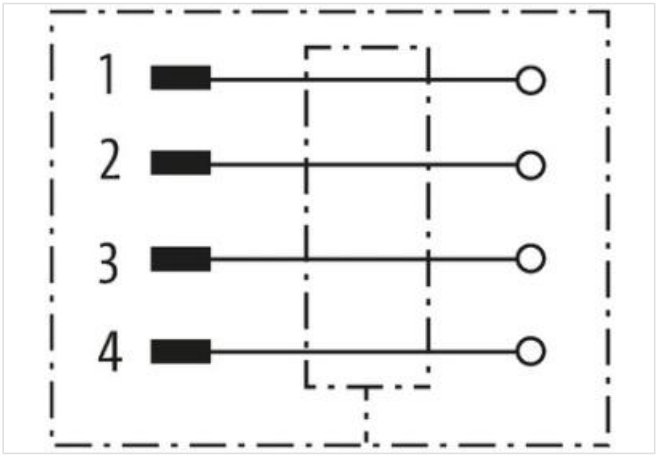
M12 male 0° D-cod. IDC

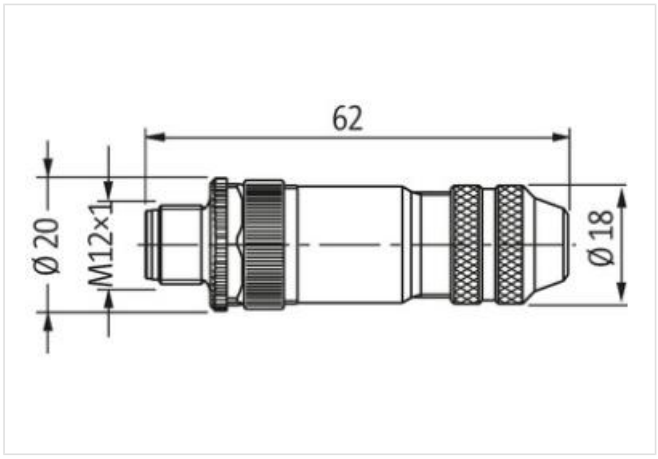
4-pol., 0,14 - 0,34mm², 4,5 - 8,8mm, shielded

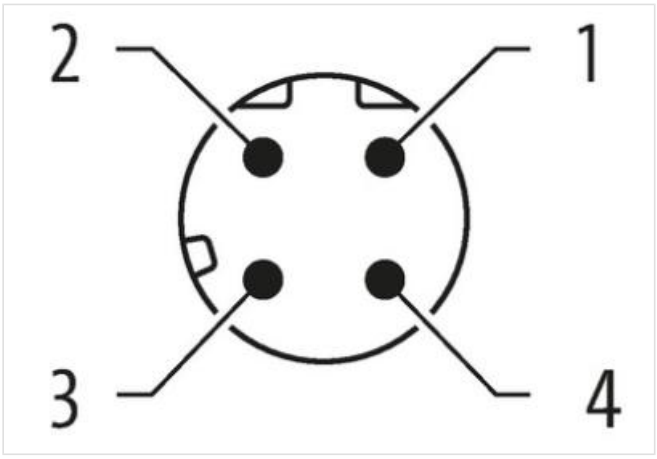
Ethernet CAT5
Male straight
M12, 4-pole
D-coded
shielded
IDC terminals
Sealing range (cable Ø): 4.5...8.8 mm

[Link to Product]

Illustration







Product may differ from Image

Side 1

Family construction form	M12
Coding	D
Degree of protection (EN IEC 60529)	IP65, IP67

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Commercial data	
ECLASS-6.0	27279221
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	4048879197489
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Current operating per contact max.	4 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication | Ethernet functionality	
duplex	Full duplex
Installation	
Connection cross section min.	0,14 mm²
Connection cross section max.	0,34 mm²
Installation | Connection	
Tightening torque	0,6 Nm
Device protection | Electrical	
Additional condition protection degree	inserted, screwed
Mechanical data | Material data	
Coating locking	Nickeled
Locking material	Zinc die-casting
Mechanical data | Mounting data	
Mounting method	inserted, screwed, Shaking protection
Clamping range min.	4,5 mm
Clamping range max.	8,8 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.