

M12 male 0° D-cod. IDC4-pol., 0,14 - 0,34mm², 4,5 - 8,8mm, shielded

Art.No.: 7000-14521-0000000

Weight: 0.054 kg

Country of origin: RO

Model designation: MSDAL0-AC-T D-CODE MOSA

Ethernet CAT5

Male straight

M12, 4-pole

D-coded

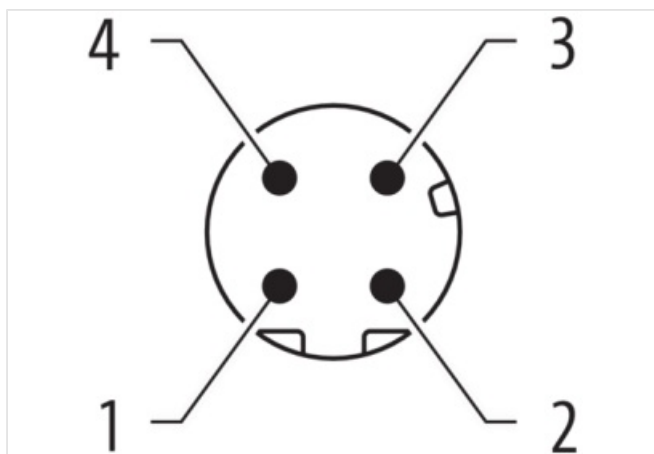
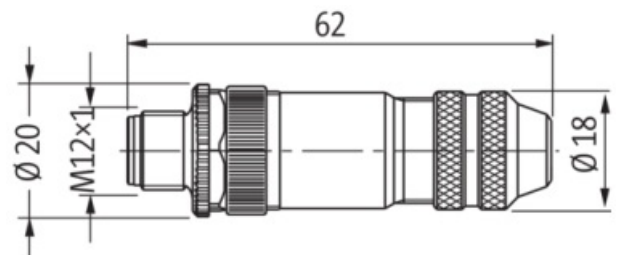
MOSA

IDC terminals

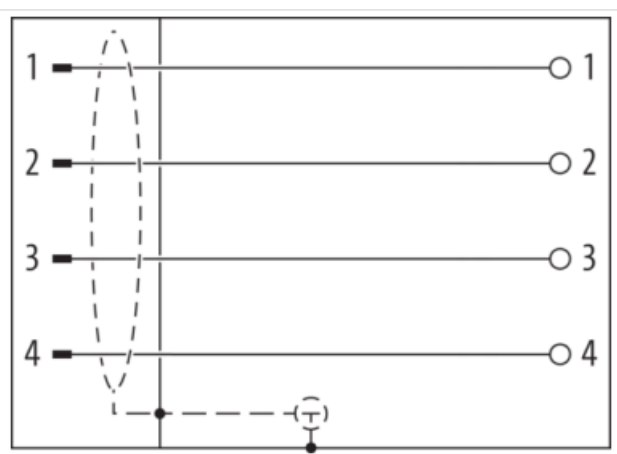
Shielded

Sealing range (cable Ø): 4.5...8.8 mm

good resistance to oil and chemicals

[Link to Product](#)**Illustration**

Product may differ from Image



Side 1	
Family construction form	M12
No. of poles	4
Coding	D
Gender	male
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP67, IP65
Side 2	
Mounting method	Field-wireable
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-14521-0000000
customs tariff number	85366990
EAN	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	
Data transmission rate max.	100 Mbit/s
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Industrial communication Ethernet functionality	
duplex	Full duplex
Installation	
Connection cross section min.	0,14 mm ²
Connection cross section max.	0,34 mm ²
Installation Connection	
Connection	Cut clamps IDC
Tightening torque	0,6 Nm
Mating cycles min.	100
Device protection	
Shielded	Yes
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	Zinc die-casting
Material contact carrier	PA
Material contact	Brass
Coating contact	gold plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection

Clamping range min.	4,5 mm
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Clamping range max.	8,8 mm
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Environmental characteristics | Climatic

Operating temperature min.	-40 °C
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Operating temperature max.	85 °C
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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.
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Conformity

Product standard	EN 45545-2, EN 50155, EN IEC 61076-2-101 (M12)
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Shock and vibration resistance	EN/IEC 61373
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Fire protection	EN 45545-2, HL1-HL3, requirement sets R22, R23, R24
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