MURR ELEKTRONIK
stay connected

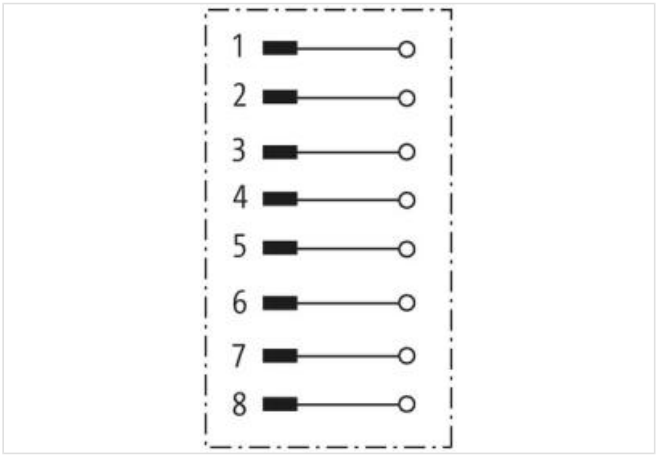
RJ45 Heavy Duty male 0° IDC

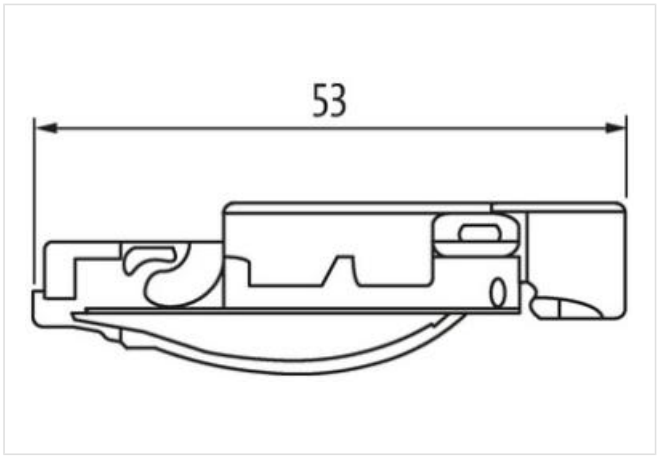
8-pol., AWG26-24, 5- 9mm, shielded, CAT5

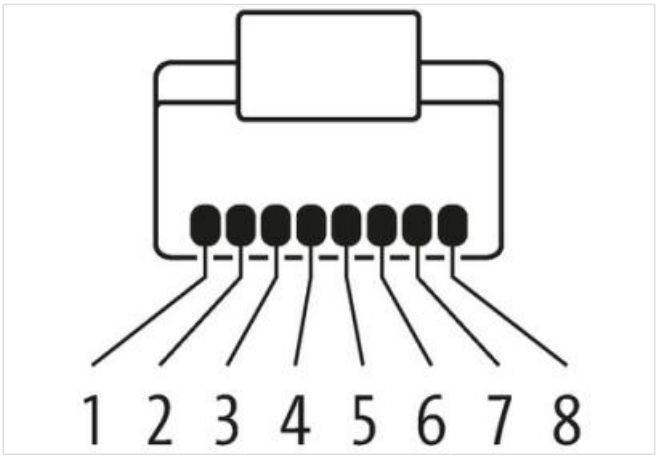
Ethernet
Male straight
RJ45, 8-pole
Field-wireable
shielded
Protection IP20
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image

Side 1

Family construction form	RJ45
Material contact	Copper alloy
No. of poles	8

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Commercial data	
ECLASS-6.0	27260705
ECLASS-6.1	27260703
ECLASS-7.0	2744010
ECLASS-8.0	2744010
ECLASS-9.0	27440114
ECLASS-10.1	2744010
ECLASS-11.1	2744010
ECLASS-12.0	27440114
ETIM-5.0	EC002635
customs tariff number	85366990
GTIN	4048879671071
Packaging unit	1
Electrical data | Supply	
Operating voltage AC	50 V
Operating voltage DC	50 V
Operating current max.	1,75 A
Industrial communication	
Transfer parameters	CAT5e (ANSI/TIA/EIA-568-B.2-2001), CAT5 Class D according to ISO/IEC 11801
Data transmission rate max.	1000 MBit/s
Installation	
Connection cross section min.	0,14 mm²
Connection cross section max.	0,25 mm²
AWG number min.	26
AWG number max.	24
Installation | Connection	
Connection	Cut clamps IDC
Mating cycles min.	750
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Overvoltage category (EN 60950-1)	I
Mechanical data | Material data	
Coating housing	nickel plated
Coating contact	gold plated
Material housing	Zinc die-casting
Material contact carrier	PC
Mechanical data | Mounting data	
Clamping range min.	5 mm
Clamping range max.	9 mm
Environmental characteristics | Climatic	
Operating temperature min.	-40 °C
Operating temperature max.	70 °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.