

RJ45 Heavy Duty male 0° IDC

8-pol., AWG23-22, 5- 9mm, shielded, CAT5

Art.No.: 7000-74071-0000000

Weight: 0.029

Country of origin: PL

Model designation: MSRAL0-8p8C Profinet

PROFINET

Ethernet

Male straight

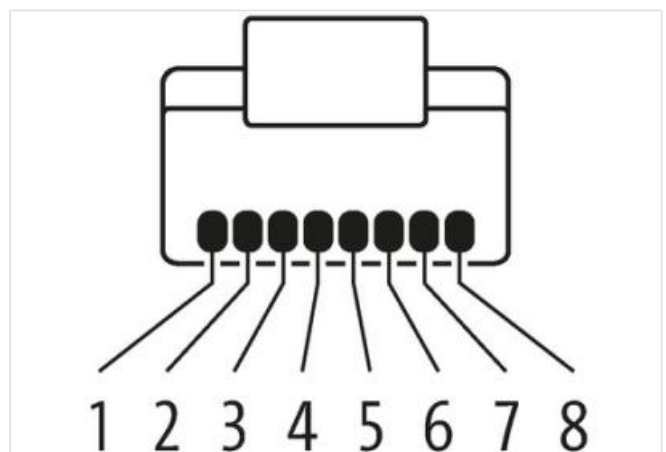
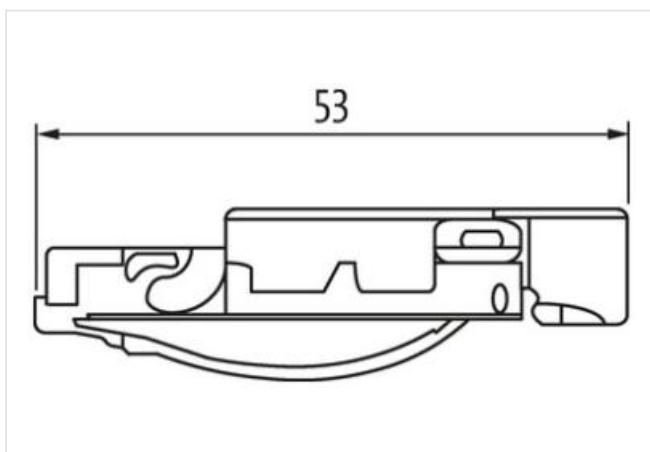
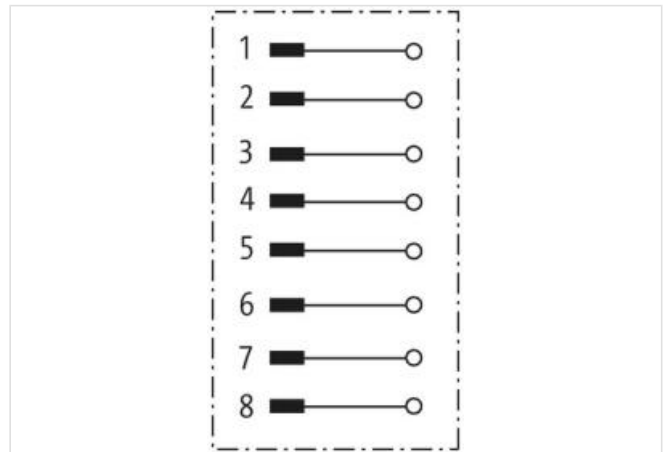
RJ45, 8-pole

shielded

Field-wireable

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**

The information in this Product-PDF has been compiled with the utmost care.
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Family construction form	RJ45
Material contact	Copper alloy
No. of poles	8
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
customs tariff number	85366990
customs tariff number	85366990
EAN	4048879671064
EAN	4048879671064
EAN	4048879671064
Packaging unit	1
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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.	0,23 mm²
Connection cross section max.	0,32 mm²
AWG number min.	23
AWG number max.	22
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	
Material housing	Zinc die-casting
Coating housing	nickel plated
Coating contact	gold plated
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.