

**RJ45 Professional male 0° IDC**

8-pol., 0,14 - 0,34mm<sup>2</sup>, 4,5 - 9mm, shielded, CAT6

Ethernet CAT6A

Male straight

RJ45, 8-pole

shielded

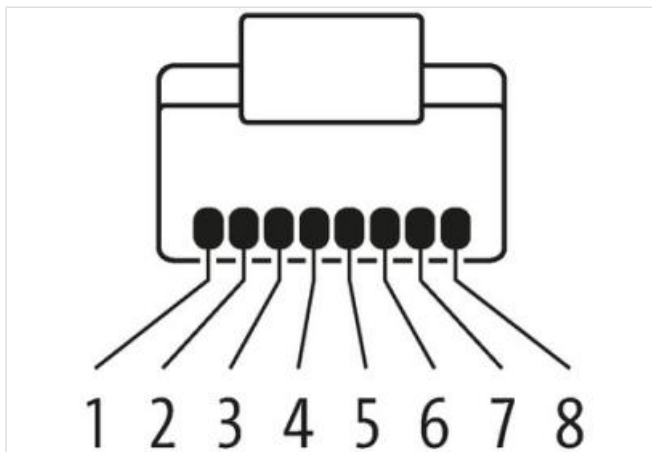
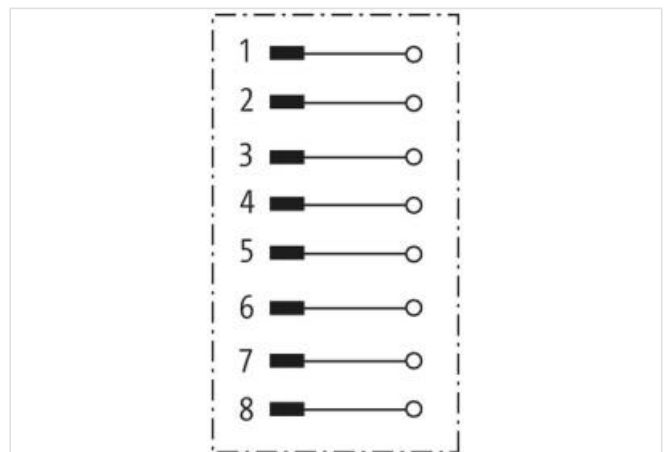
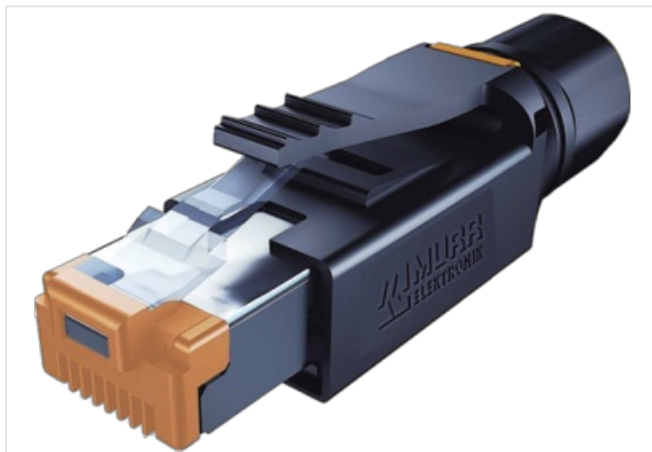
IDC terminals

Protection IP20

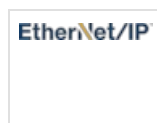
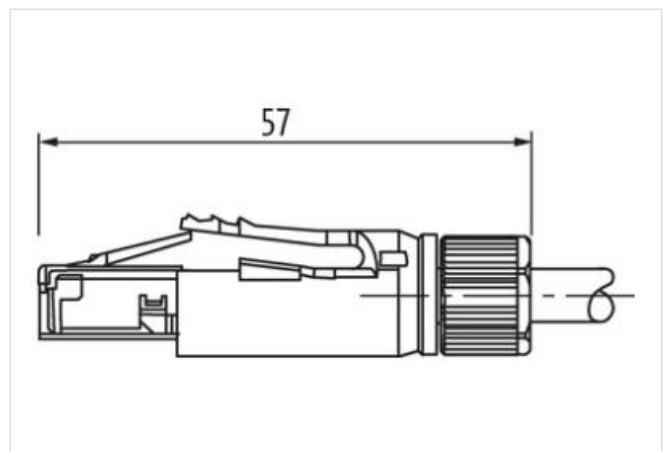
Quick connection technology

Plastic housings with good resistance against chemicals and oils.

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

**Commercial data**

ECLASS-6.0

27279221

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	4048879415545
Packaging unit	1

#### Electrical data | Supply

Operating voltage DC max.	60 V
Current operating per contact max.	2 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 mm <sup>2</sup>
Connection cross section max.	0,34 mm <sup>2</sup>
AWG number min.	26
AWG number max.	22

#### Installation | Connection

Wire insulation diameter max.	1,6 mm
-------------------------------	--------

#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
-------------------------------------	------

#### Mechanical data | Mounting data

Clamping range min.	4,5 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	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.