

### RJ45 Professional male 45° IDC

4-pol., 0,14 - 0,34mm<sup>2</sup>, 4,5 - 9mm, shielded, CAT5

Ethernet CAT5

Male 45°

RJ45, 4-pole

shielded

Protection IP20

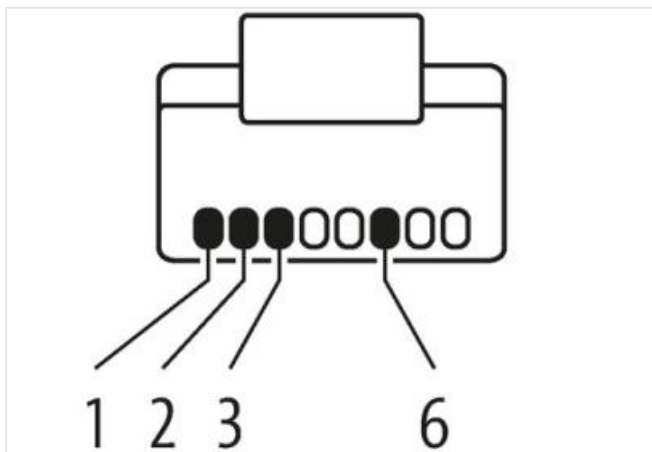
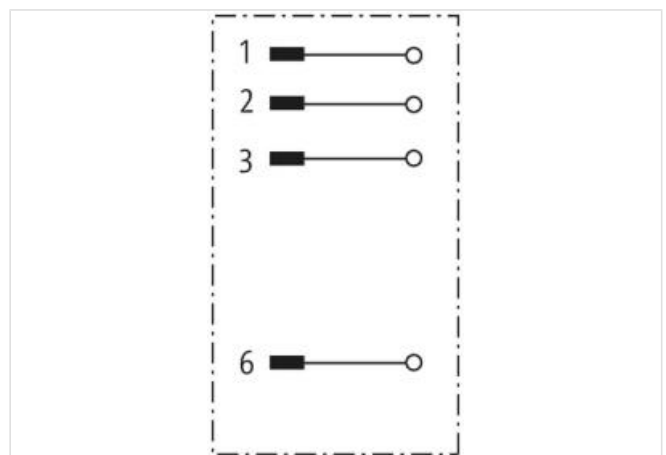
Quick connection technology

Plastic housings with good resistance against chemicals and oils.

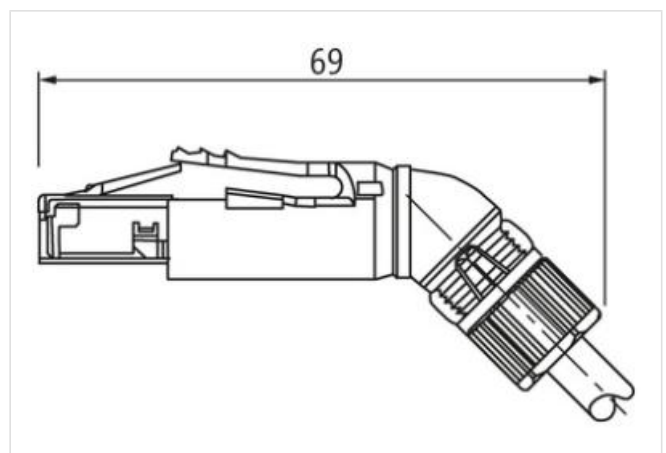
The resistance to aggressive media should be individually tested for your application. Further details on request.

### [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	4048879409353
Packaging unit	1

**Electrical data | Supply**

Operating voltage DC max.	60 V
Current operating per contact max.	2 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
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**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
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**Device protection | Electrical**

Degree of protection (EN IEC 60529)	IP20
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**Mechanical data | Mounting data**

Clamping range min.	4,5 mm
Clamping range max.	8 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.