

## M12 male 0° D-cod. IDC

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

Ethernet CAT5

Male straight

M12, 4-pole

D-coded

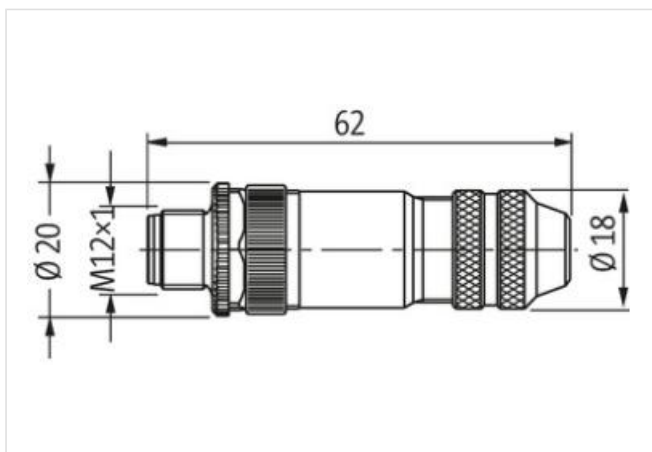
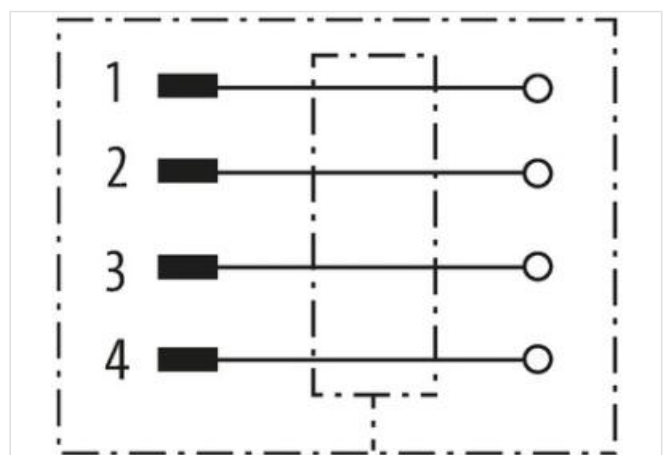
shielded

IDC terminals

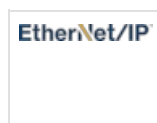
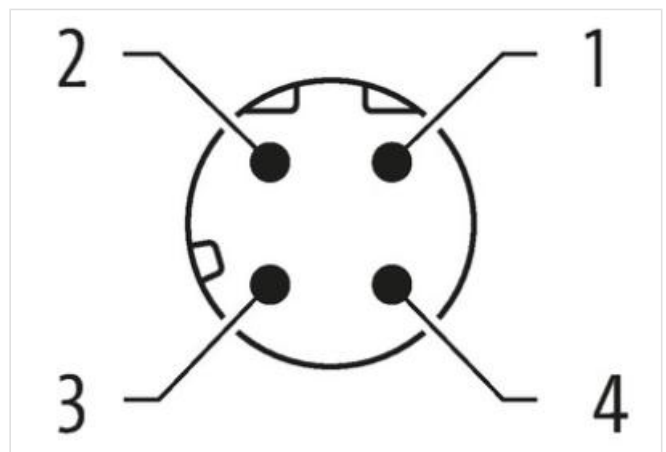
Sealing range (cable Ø): 4.5...8.8 mm

### Länk till produkt

#### Illustration



Produkten kan skilja sig från bilden



#### Side 1

|                                     |            |
|-------------------------------------|------------|
| Family construction form            | M12        |
| Coding                              | D          |
| Degree of protection (EN IEC 60529) | IP65, IP67 |

**Kommersiella uppgifter**

|                    |               |
|--------------------|---------------|
| ECLASS-6.0         | 27279221      |
| ECLASS-6.1         | 27260702      |
| ECLASS-7.0         | 27440102      |
| ECLASS-8.0         | 27440102      |
| ECLASS-9.0         | 27440116      |
| ECLASS-10.1        | 27440102      |
| ECLASS-11.1        | 27440102      |
| ECLASS-12.0        | 27440116      |
| ETIM-5.0           | EC002635      |
| Förpackningsenhet  | 1             |
| GTIN               | 4048879197489 |
| Kundens tullnummer | 85366990      |

**Electrical data | Supply**

|                                    |      |
|------------------------------------|------|
| Operating voltage AC max.          | 50 V |
| Operating voltage DC max.          | 50 V |
| Current operating per contact max. | 4 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 |
|--------|-------------|

**Installation**

|                               |                      |
|-------------------------------|----------------------|
| Connection cross section min. | 0,14 mm <sup>2</sup> |
| Connection cross section max. | 0,34 mm <sup>2</sup> |

**Installation | Connection**

|                   |        |
|-------------------|--------|
| Tightening torque | 0,6 Nm |
|-------------------|--------|

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Additional condition protection degree | inserted, screwed |
|----------------------------------------|-------------------|

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Coating locking  | Nickel           |
| Locking material | Zinc die-casting |

**Mechanical data | Mounting data**

|                     |                                       |
|---------------------|---------------------------------------|
| Mounting method     | inserted, screwed, Shaking protection |
| Clamping range min. | 4,5 mm                                |
| Clamping range max. | 8,8 mm                                |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -40 °C |
| Operating temperature max. | 85 °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. |