

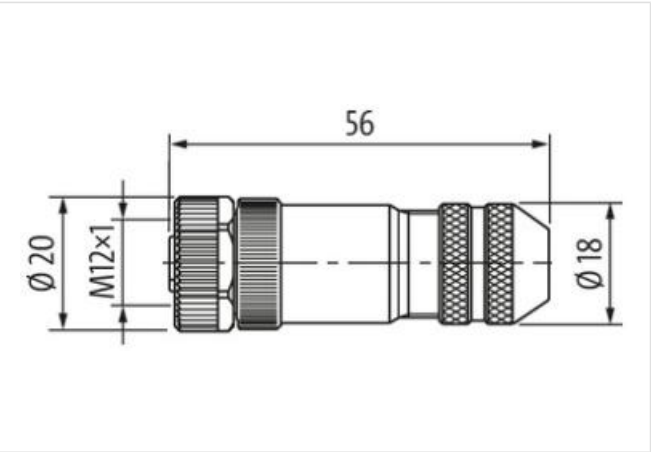
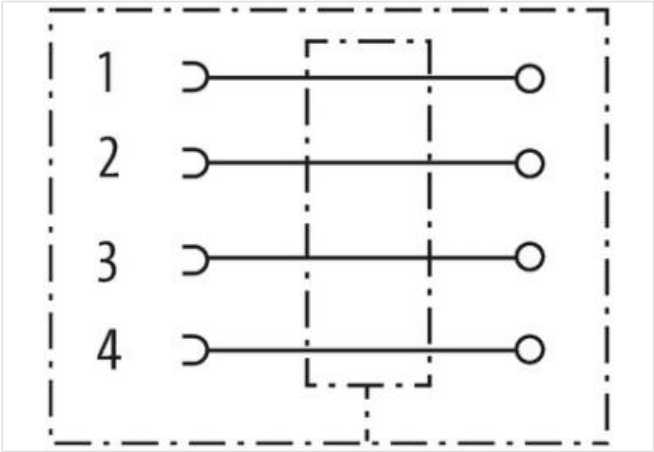
M12 female 0° D-cod. IDC

4-pol., 0,14 - 0,34mm², 4,5 - 8,8mm, shielded

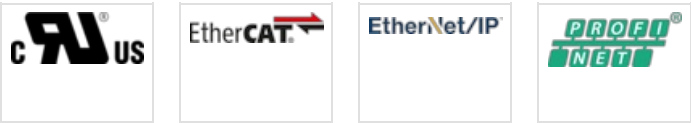
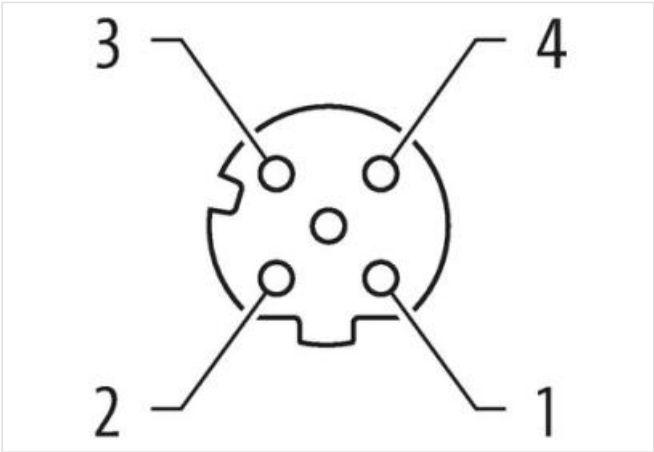
Ethernet CAT5  
Female straight  
M12, 4-pole  
D-coded  
shielded  
IDC terminals  
Sealing range (cable Ø): 4.5...8.8 mm

Link to Product

Illustration



Product may differ from Image



| Side 1                   |        |
|--------------------------|--------|
| Tightening torque        | 0,6 Nm |
| Family construction form | M12    |
| Coding                   | D      |

Degree of protection (EN IEC 60529) IP65, IP67

**Commercial data**

|                       |               |
|-----------------------|---------------|
| 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      |
| customs tariff number | 85366990      |
| GTIN                  | 4048879197229 |
| Packaging unit        | 1             |

**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 mm² |
| Connection cross section max. | 0,34 mm² |
| AWG number min.               | 26       |
| AWG number max.               | 22       |

**Device protection | Electrical**

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

**Mechanical data | Material data**

|                  |                  |
|------------------|------------------|
| Coating locking  | Nickeled         |
| 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. |