

**Material**

IEC 61076-2-109  
 Transmission characteristics:  
 10 Gigable Ethernet acc. to IEEE 802.3an  
 Qualified Screened Class E<sub>A</sub>/Cat.6A  
 ANSI/TIA/EIA-568-D.2  
 ISO/IEC 11801; CENELEC EN 50173-1

**Electrical**

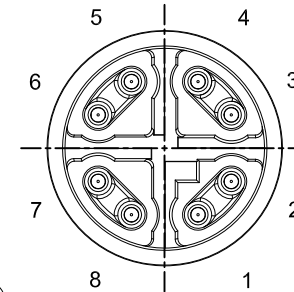
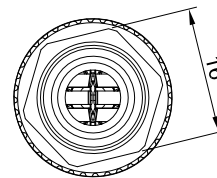
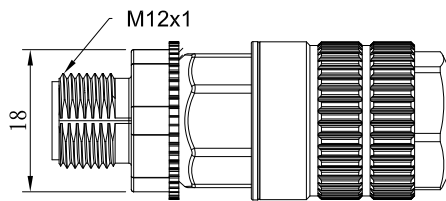
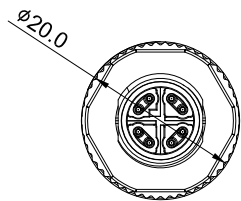
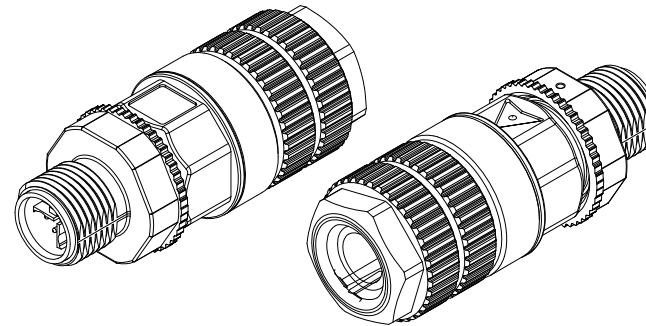
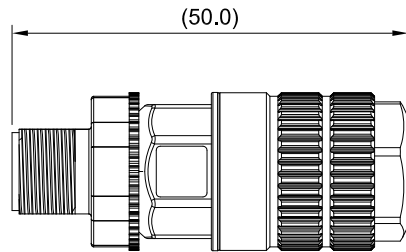
Insulation Resistance: 100 Mohms minimum  
 Contact Resistance: 10 mohms maximum

**Power over Ethernet**

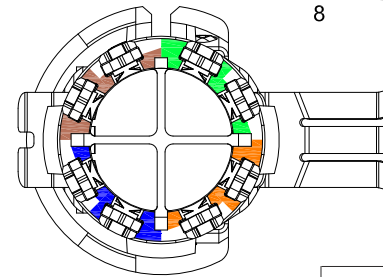
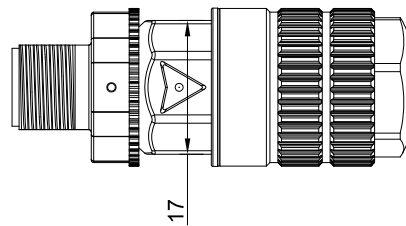
PoE++ Type 4  
 IEEE 802.3bt  
 IEC 60512-99-002:2019

**Mechanical**

Housing : Die Casting  
 Nut : Brass nickel plated  
 Wire pair presorting : PC UL94 V0  
 IDC Contact: Phosphor Bronze gold over nickel plated  
 Shield spring: Phosphor Bronze gold over nickel plated  
 Protection against particulate ingress/water/immersion: IP67  
 Temperature: -40° to 85°C  
 Accept Cable: #26~22AWG solid wire. Outer diameter 5.5~9.0 mm



- 1 white-orange
- 2 orange
- 3 white-green
- 4 green
- 5 white-brown
- 6 brown
- 7 white-blue
- 8 blue



<b>DELOCK</b> we move the world	
Title:	M12 Connector 8 pin X-coded field assembly Cat.6A
Item no.	<b>86032</b>
Barcode	4043619860326
File No.	

Date	2024 / 07 / 12
Unit	mm
Projection	
Rev	A