

### Basic features

<b>Application</b>	Ethernet, CAT 5
<b>Approval/Conformity</b>	CE cULus EAC WEEE

### Electrical connection

<b>Bending radius min., flexible cable</b>	10 x D
<b>Cable</b>	TPE Shielded teal, 20 m, Drag chain compatible
<b>Cable diameter D</b>	6.10 mm ±0.25 mm
<b>Cable, bending cycles min.</b>	10 million
<b>Cable, note</b>	Ethernet, CAT 5E
<b>Conductor cross-section</b>	24 AWG
<b>Connection 1</b>	M12x1-Female, Straight, 5-pin, D-coded
<b>Connection 2</b>	M12x1-Male, Straight, 4-pin, D-coded
<b>Number of conductors</b>	4
<b>System</b>	Molded/Molded

### Electrical data

<b>Cable rated voltage AC max.</b>	600 V
<b>Cable rated voltage DC max.</b>	600 V
<b>Conductor construction</b>	2x2 twisted-pair
<b>Conductor resistance</b>	≤ 26.0 Ohm/1000 ft
<b>Coupling resistance max.</b>	100 Ohm ±15 Ohm
<b>Operating capacitance</b>	13.5 pF/ft
<b>Operating voltage Ub</b>	250 VDC / 250 VAC
<b>Rated current (40 °C)</b>	4.0 A
<b>Transfer rate</b>	10...100 Mbit/s

### Environmental conditions

<b>Cable temperature, flexible routing</b>	-40...80 °C
<b>Protection degree</b>	IP67/IP67

### Material

<b>Cable jacket material, note</b>	Shielded
<b>Cable jacket, material</b>	TPE
<b>Cable shield</b>	Aluminum foil and copper braid
<b>Material contact carrier</b>	PUR/PUR
<b>Material contacts</b>	Bronze/Brass
<b>Material cover nut</b>	Brass nickel plated/Brass nickel plated
<b>Material grip</b>	PUR/PUR

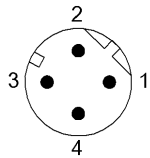
### Mechanical data

<b>Cable jacket, color</b>	teal
<b>Cable length L</b>	20.00 m
<b>Cable properties</b>	Drag chain compatible
<b>Tightening torque pigtail</b>	0.6 Nm/0.6 Nm

**Remarks**

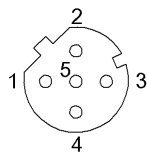
Cable construction acc. to UL CMX Outdoor or AWM Style 2463  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.  
 360° shield on cover nut

**Connector Drawings**



II

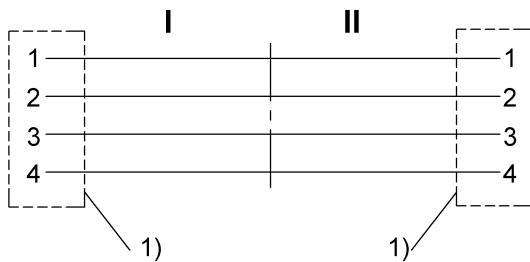
PIN 1: white/orange  
 PIN 2: white/green  
 PIN 3: orange  
 PIN 4: green



I

PIN 1: white/orange  
 PIN 2: white/green  
 PIN 3: orange  
 PIN 4: green  
 PIN 5: n.c.

**Wiring Diagrams**



1) Shield on cover nut