

Basic features

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|---------------------|-----------------------------|
| Application | Ethernet, CAT 5 |
| Approval/Conformity | CE WEEE cULus UKCA |

Electrical connection

| | |
|-------------------------------------|--|
| Bending radius min., flexible cable | 10 x D |
| Cable | TPE Shielded teal, 50 m, drag chain compatible |
| Cable diameter D | 6.10 mm ±0.25 mm |
| Cable, bending cycles min. | 1 mil. |
| Cable, note | Ethernet, CAT 5E |
| Conductor cross-section | 24 AWG |
| Connection 1 | RJ45-Male, straight, 4-pin |
| Connection 2 | RJ45-Male, straight, 4-pin |
| Number of conductors | 4 |
| System | assembled/assembled |

Electrical data

| | |
|--------------------------------|--------------------|
| Cable rated voltage AC max. | 600 V |
| Cable rated voltage DC max. | 600 V |
| Conductor construction | 2x2 twisted-pair |
| Conductor resistance | ≤ 26.5 Ohm/1000 ft |
| Operating capacitance | 13.5 pF/ft |
| Operating voltage Ub | 60 VDC |
| Operating voltage max. DC (UL) | 42 V |
| Rated current (40 °C) | 1.5 A |
| Surge impedance | 100 Ohm ±15 Ohm |
| Transfer rate | 10/100 Mbit/s |

Environmental conditions

| | |
|-------------------------------------|-------------|
| Cable temperature, fixed routing | -40...80 °C |
| Cable temperature, flexible routing | -20...60 °C |
| IP rating | IP20/IP20 |

Material

| | |
|-----------------------------|--------------------------------|
| Cable jacket material, note | Shielded |
| Cable jacket, material | TPE |
| Cable shield | Aluminum foil and copper braid |
| Material contact carrier | PC/PC |
| Material contacts | Gold plated/Gold plated |
| Material grip | PUR/PUR |

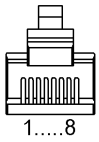
Mechanical data

| | |
|---------------------|---------|
| Cable jacket, color | teal |
| Cable length L | 50.00 m |

Remarks

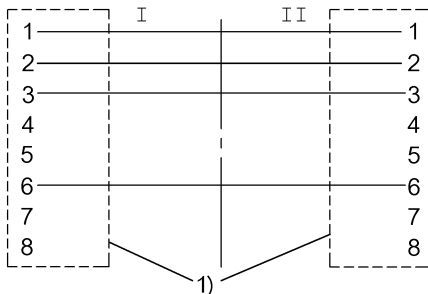
Cable construction acc. to UL CMX Outdoor or AWM Style 2463
Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Connector Drawings



- I, II
- PIN 1: white/orange
- PIN 2: orange
- PIN 3: white/green
- PIN 4: not used
- PIN 5: not used
- PIN 6: green
- PIN 7: not used
- PIN 8: not used

Wiring Diagrams (Schematic)



1) Shield on housing