

### Basic features

Application	Ethernet, CAT 5
Approval/Conformity	CE EAC WEEE

### Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE Shielded Red, 50.00 m, Drag chain compatible
Cable diameter D	6.10 mm ±0.25 mm
Cable, bending cycles min.	10 million
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	≤ 26.0 Ohm/1000 ft
Coupling resistance max.	100 Ohm ±15 Ohm
Operating capacitance	13.5 pF/ft
Operating voltage U <sub>b</sub>	42 VDC / 30 VAC
Rated current (40 °C)	1.0 A
Transfer rate	10...100 Mbit/s

### Environmental conditions

Cable temperature, flexible routing	-40...80 °C
Protection degree	IP20/IP20

### Material

Cable jacket material, note	Shielded
Cable jacket, material	TPE
Cable shield	Aluminum foil and copper braid
Material contact carrier	PBT/PBT
Material contacts	Phosphor bronze, gold plated/ Phosphor bronze, gold plated
Material grip	PVC/PVC

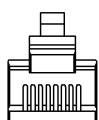
### Mechanical data

Cable jacket, color	Red
Cable length L	50.00 m
Cable properties	Drag chain compatible

## 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



1.....8

I , II

PIN 1: white/orange

PIN 2: orange

PIN 3: white/green

PIN 4: n.c.

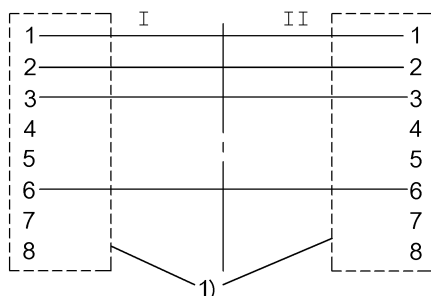
PIN 5: n.c.

PIN 6: green

PIN 7: n.c.

PIN 8: n.c.

## Wiring Diagrams



1) Shield on housing