

Basic features

Application	Ethernet, CAT 5
Approval/Conformity	CE cULus WEEE

Environmental conditions

Cable temperature, fixed routing	-60...80 °C
Cable temperature, flexible routing	-40...80 °C
IP rating	IP67/IP20

Electrical connection

Cable	TPE Shielded teal, 3 m
Cable diameter D	6.35 mm ±0.25 mm
Cable, note	Ethernet, CAT 5E
Conductor cross-section	24 AWG
Connection 1	M12x1-Female, straight, 5-pin, D-coded
Connection 2	RJ45-Male, straight, 4-pin
Number of conductors	4
System	Molded/Molded

Material

Cable jacket material, note	Shielded
Cable jacket, material	TPE
Cable shield	Aluminum foil and copper braid
Material contact carrier	PUR/PA 6.6
Material contacts	Bronze
Material cover nut	Brass nickel-plated
Material grip	PUR/PA 6.6

Electrical data

Conductor construction	2x2 twisted-pair
Operating voltage Ub	125 VDC / 125 VAC
Rated current (40 °C)	1.0 A
Transfer rate	10/100 Mbit/s

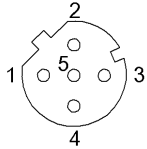
Mechanical data

Cable jacket, color	teal
Cable length L	3.00 m
Tightening torque pigtail	0.6 Nm/-

Remarks

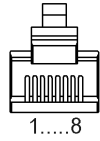
Cable construction acc. to UL-AWM Style 20626
 Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

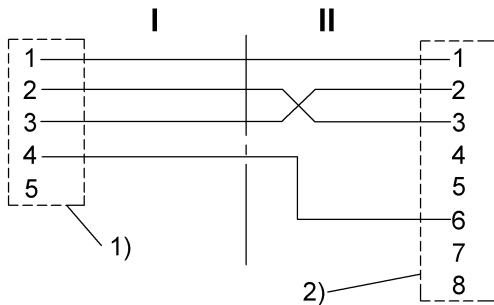
PIN 1: white/orange
 PIN 2: white/green
 PIN 3: orange
 PIN 4: green
 PIN 5: not used



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



1) Shield on cover nut
 2) Shield on housing