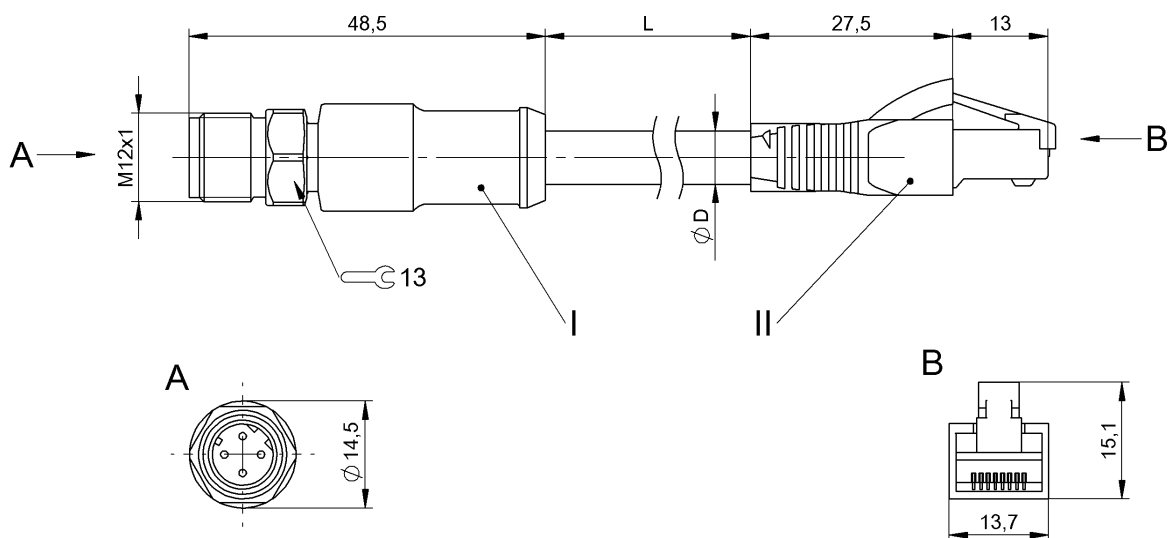




Basic features

Application	Ethernet, CAT 5
Approval/Conformity	CE cULus WEEE

Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE Shielded teal, 5 m, drag chain compatible
Cable diameter D	6.10 mm ± 0.25 mm
Cable, bending cycles min.	10 mil.
Cable, note	Ethernet, CAT 5E
Conductor cross-section	24 AWG
Connection 1	M12x1-Male, straight, 4-pin, D-coded
Connection 2	RJ45-Male, straight, 4-pin
Number of conductors	4
System	Molded/assembled

Electrical data

Cable rated voltage AC max.	600 V
Cable rated voltage DC max.	600 V
Conductor construction	2x2 twisted-pair
Conductor resistance	$\leq 26.0 \text{ Ohm}/1000 \text{ ft}$
Coupling resistance max.	100 Ohm ± 15 Ohm
Operating capacitance	13.5 pF/ft
Operating voltage Ub	60 VDC / 50 VAC
Rated current (40 °C)	1.0 A
Transfer rate	10/100 Mbit/s

Environmental conditions

Cable temperature, flexible routing	-40...80 °C
IP rating	IP69K/IP20

Material

Cable jacket material, note	Shielded
Cable jacket, material	TPE
Cable shield	Aluminum foil and copper braid
Material contact carrier	PUR/PBT
Material contacts	Brass/Phosphor bronze, gold plated
Material cover nut	1.4404 stainless steel
Material grip	PUR/PVC

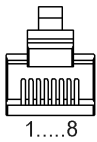
Mechanical data

Cable jacket, color	teal
Cable length L	5.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm/-

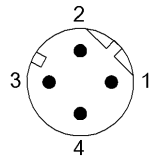
Remarks

Cable construction acc. to UL CMX Outdoor or AWM Style 2463

Connector Drawings

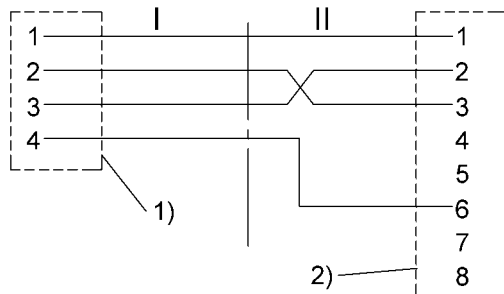


II
PIN 1: white/orange
PIN 2: orange
PIN 3: white/green
PIN 4: not used
PIN 5: not used
PIN 6: green
PIN 7: not used
PIN 8: not used



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

Wiring Diagrams



1) Shield on cover nut
2) Shield on housing