

4MT5
(CJ/V CABLE ASSEMBLY)

Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE Shielded teal, 2.00 m
Cable diameter D	6.12 mm ±0.25 mm
Cable, bending cycles min.	1 million
Conductor cross-section	AWG 24
Connection 1	M12x1-Male, 4-pole, D-coded
Connection 2	M12x1-Male, 4-pole, D-coded
Connector 01, orientation	straight
Connector 02, orientation	straight
Number of conductors	4
Number of pins	4/4
System	Molded/Molded

Electrical data

Cable rated voltage AC max.	600.0 V
Cable rated voltage DC max.	600.0 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 Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, flexible routing	-40...80 °C
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Protection type IEC 60529

IP68 /IP68

General data

Application	Ethernet
Approval/Conformity	cULus LISTED

Material

Cable jacket, material	TPE
Cable shield	Aluminum foil and copper braid
Jacket material, note	Shielded
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Nickel-plated brass/Nickel-plated brass
Material grip	TPU/TPU

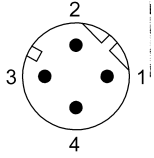
Mechanical data

Cable jacket, color	teal
Cable length	2.00 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm

Remarks

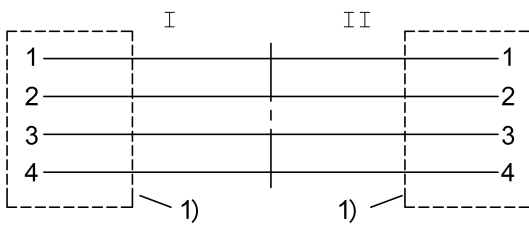
Cable construction acc. to UL-AWM Style 2463

Connector view



I, II

Wiring Diagram



1) Shield on cover nut