

Basic features

Approval/Conformity	CE WEEE
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Electrical connection

Cable	PVC Shielded black, 3 m
Cable diameter D	5.10 mm ±0.20 mm
Conductor cross-section	24 AWG
Connection 1	M12x1-Female, straight, 5-pin, B-coded
Connection 2	USB-A-Male, straight, 4-pin
Number of conductors	4
System	Molded/Molded

Electrical data

Conductor construction	2x2 twisted-pair + 2
Operating voltage U _b	30 VAC
Rated current (40 °C)	1.0 A

Remarks

AIDA conformal
 Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	-5...105 °C
IP rating	IP67/IP20

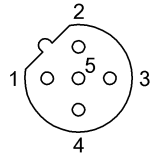
Material

Cable jacket material, note	Shielded
Cable jacket, material	PVC
Cable shield	Copper braid, tin-plated
Material contact carrier	PUR/PBT
Material contacts	Bronze
Material cover nut	Die-cast zinc
Material grip	PUR/PVC

Mechanical data

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

Connector Drawings



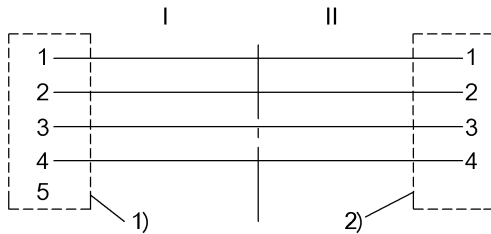
II

PIN 1: +5V
PIN 2: D-
PIN 3: D+
PIN 4: GND

I

PIN 1: +5V
PIN 2: D-
PIN 3: D+
PIN 4: GND
PIN 5: Shield

Wiring Diagrams



- 1) Shield on PIN 5
- 2) Shield on housing