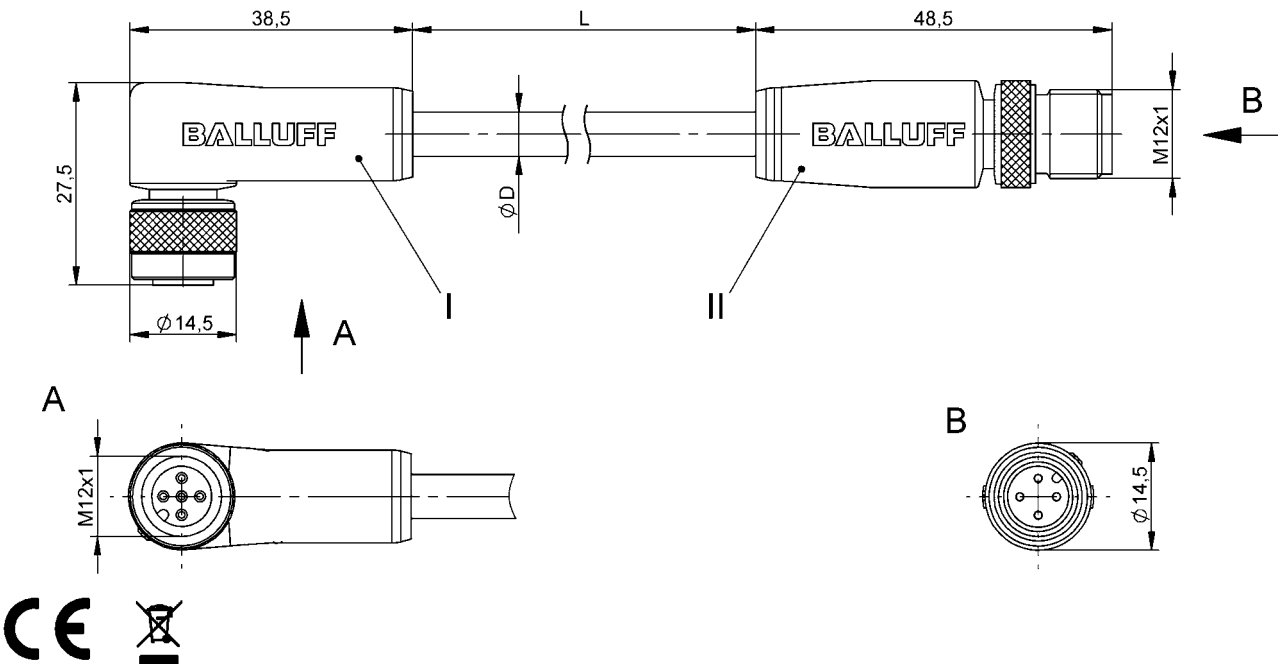




Basic features

Approval/Conformity	CE WEEE
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Electrical connection

Bending radius min., flexible cable	10 x D
Cable	PVC Shielded black, 2 m
Cable diameter D	5.60 mm ±0.10 mm
Conductor cross-section	0.34 mm ²
Connection 1	M12x1-Female, angled, 5-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

Electrical data

Operating voltage U _b	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-40...85 °C
Cable temperature, flexible routing	-40...85 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

Interface

Switching output	Complementary
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Material

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

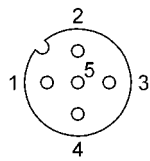
Mechanical data

Cable jacket, color	black
Cable length L	2.00 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

Remarks

UV resistant
Oil-resistant
resistant to liquids
resistant to hydrocarbon
Flame resistance to ISO 6722, ISO 14572
Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

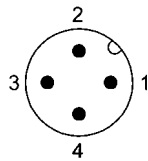
PIN 1: brown

PIN 2: yellow

PIN 3: white

PIN 4: green

PIN 5: not used



II

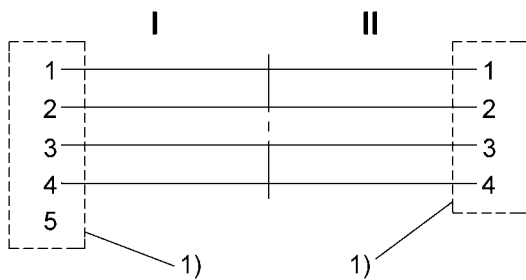
PIN 1: brown

PIN 2: yellow

PIN 3: white

PIN 4: green

Wiring Diagrams



1) Shield on cover nut