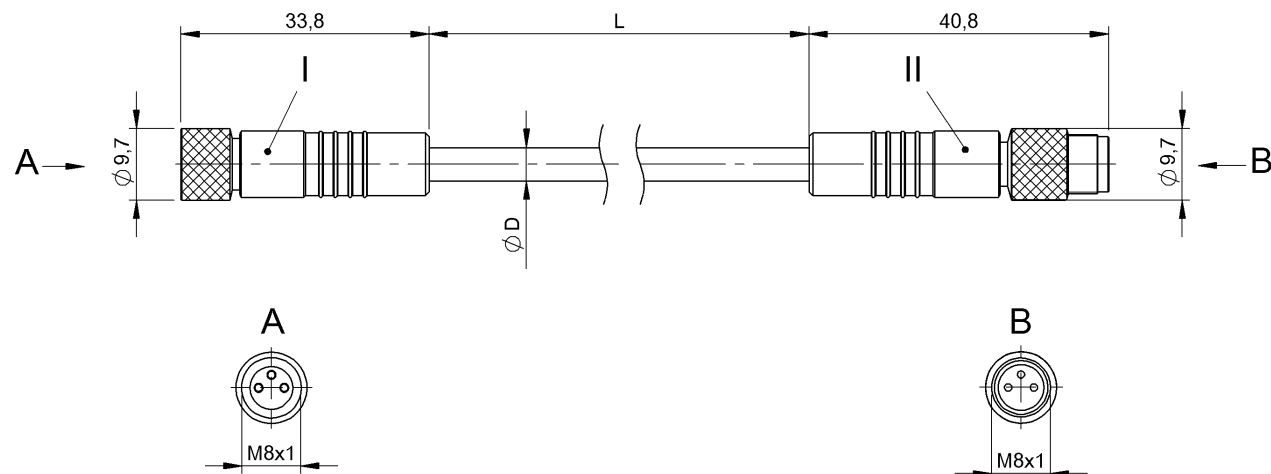




Basic features

Application	Welding area
Approval/Conformity	CE cULus EAC WEEE

Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	FEP welding spark resistant black, 1 m
Cable diameter D	4.10 mm ±0.30 mm
Conductor cross-section	0.34 mm ²
Connection 1	M8x1-Female, straight, 3-pole, A- coded
Connection 2	M8x1-Male, straight, 3-pole, A- coded
Number of conductors	4
System	Molded/Molded

Electrical data

Operating voltage Ub	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-100...200 °C
IP rating	IP67/IP67

Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	FEP
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Brass PTFE coated/Brass PTFE coated
Material grip	TPU, Special

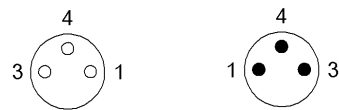
Mechanical data

Cable jacket, color	black
Cable length L	1.00 m
Tightening torque	0.4 Nm/0.4 Nm

Remarks

Cable construction acc. to UL-AWM Style 2749
Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
Flame-retarding

Connector Drawings



I	II
PIN 1: brown	PIN 1: brown
PIN 3: blue	PIN 3: blue
PIN 4: black	PIN 4: black

Wiring Diagrams (Schematic)

