

Basic features

Application	Welding area
Approval/Conformity	CE cULus 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, 2 m
Cable diameter D	4.10 mm ±0.30 mm
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, angled, 5-pin, A- coded
Connector configuration	right-angle
Number of conductors	4
Number of pins	5
System	Molded

Electrical data

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

Remarks

Cable construction acc. to UL-AWM Style 2749
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
 Flame-retarding
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-100...200 °C
Connector 01, temperature max.	100 °C
IP rating	IP65

Interface

Switching output	Complementary
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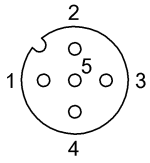
Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	FEP
Material contact carrier	PUR, special
Material contacts	Gold plated
Material cover nut	Brass PTFE coated
Material grip	PUR, special

Mechanical data

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

Connector Drawings



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

Wiring Diagrams (Schematic)

