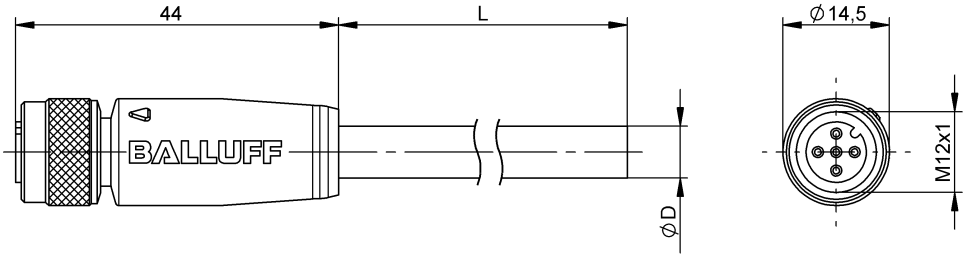
Single-Ended Cordsets

BCC W415-0000-1A-001-BW8334-020
Order Code: BCC0F03



Basic features

Application	Welding area
Approval/Conformity	CE EAC WEEE

Electrical connection

Bending radius min., fixed cable	8 x D
Bending radius min., flexible cable	15 x D
Cable	TPE welding spark resistant gray, 2 m
Cable diameter D	4.40 mm ±0.20 mm
Conductor cross-section	0.34 mm²
Connection	M12x1-Female, Straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	3
Number of pins	5
System	Molded

Electrical data

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

Environmental conditions

Cable temperature, fixed routing	-50...130 °C
Cable temperature, flexible routing	-40...125 °C
IP rating	IP65

Interface

Switching output	Complementary

Material

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

Mechanical data

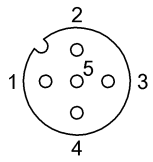
Cable jacket, color	gray
Cable length L	2.00 m
Tightening torque pigtail	0.6 Nm

Remarks

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

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Connector Drawings



PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams

