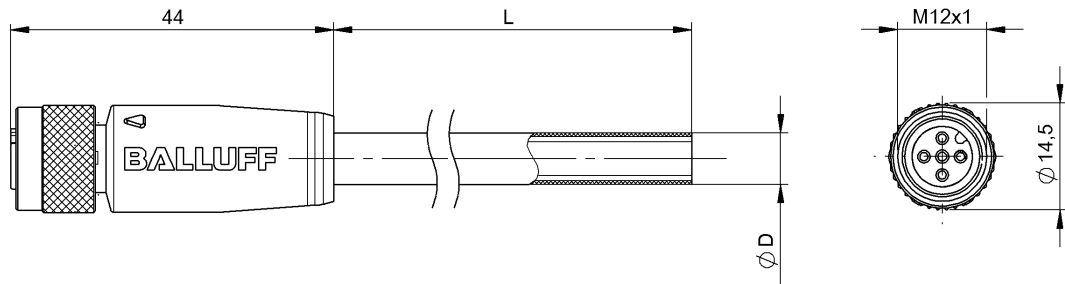


Single-Ended Cordsets
BCC W415-0000-1A-003-NW44T2-020
Order Code: BCC0J37

BALLUFF



Basic features

Application	Welding area
Approval/Conformity	CE cULus WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	TPE welding spark resistant Yellow, 2 m, drag chain compatible
Cable diameter D	8.00 mm ±0.20 mm
Cable, bending cycles min.	10 mil.
Conductor cross-section	22 AWG
Connection	M12x1-Female, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	5
Protection jacket color	Transparent
System	Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP65

Interface

Switching output	Complementary
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Material

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

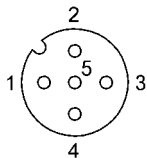
Mechanical data

Cable jacket, color	Yellow
Cable length L	2.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm

Remarks

Cable construction acc. to UL-AWM Style 20237
Flame resistance acc. to IEC 332-2
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.

Connector Drawings



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

Wiring Diagrams

