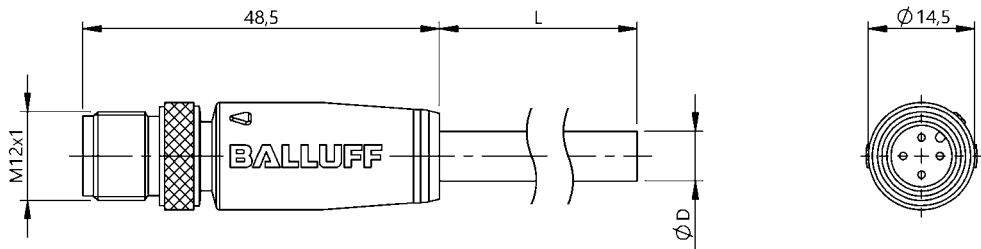


Single-Ended Cordsets
BCC M414-0000-2A-014-VS8434-020
Order Code: BCC035K

BALLUFF



Basic features

Approval/Conformity	CE cULus WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Shielded gray, 2 m, drag chain compatible
Cable diameter D	5.40 mm $\pm$ 0.10 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm ²
Connection	M12x1-Male, straight, 4-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

Electrical data

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

Environmental conditions

Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	-5...105 °C
IP rating	IP67

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
Material contacts	Brass
Material cover nut	Brass nickel-plated
Material grip	PUR

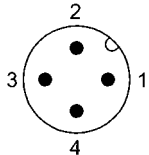
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	gray
Cable length L	2.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Remarks

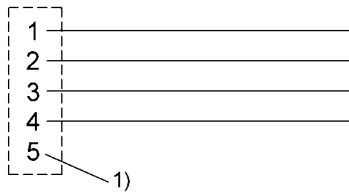
Cable construction acc. to UL-AWM Style 2517
Silicone-free
Flame resistance acc. to FT1
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



1) Shield on cover nut