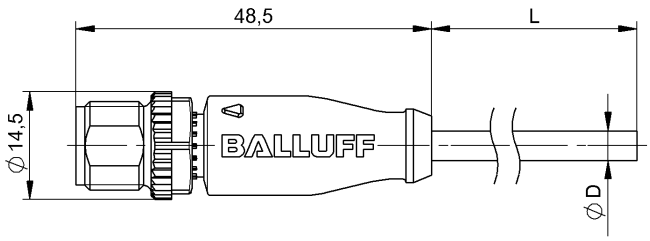
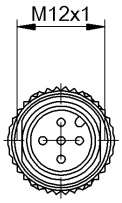
Single-Ended Cordsets

BCC M415-0000-2A-017-PX0534-020
Order Code: BCC0C76





Basic features

Approval/Conformity	CE cULus WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 2 m, drag chain compatible
Cable diameter D	5.00 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm²
Connection	M12x1-Male, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	5
Number of pins	5
System	Molded

Electrical data

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

Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
IP rating	IP67, IP68, IP69K

Interface

Switching output	Complementary

Material

Cable jacket, material	PUR
Material contact carrier	PUR
Material contacts	Brass
Material cover nut	Die-cast zinc
Material grip	PUR

Mechanical data

Acceleration max., drag chain	5 m/s²
Cable jacket, color	black
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	5 m

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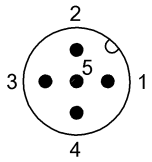
Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame-retarding acc. to IEC 60332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.
The cables are for signal distribution in the industrial application area of sensor and automation technology and are not intended for private use. It is a finished product that includes plugs, cables, and open wire ends. Depending on the configuration and application area, additional legal, normative, and Occupational Health and Safety Requirements must be met by the customer. Work on electrical equipment may only be carried out by qualified electricians.

Connector Drawings



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: gray

Wiring Diagrams (Schematic)