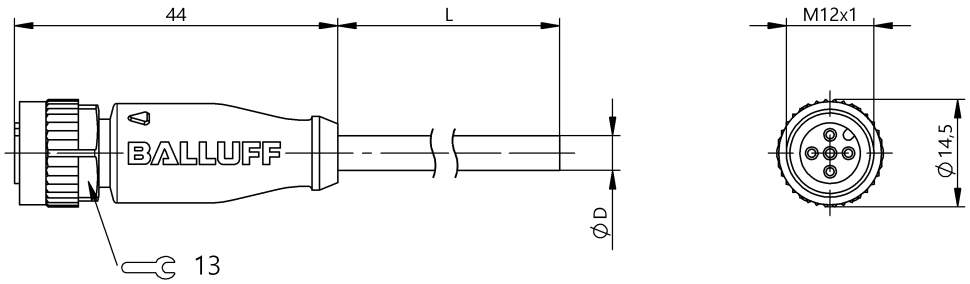
Single-Ended Cordsets

BCC M415-0000-1A-009-VX44T2-020
Order Code: BCC05J3



Basic features

Approval/Conformity	CE cULus EAC WEEE

Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	Green LED

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Yellow, 2 m, drag chain compatible
Cable diameter D	5.00 mm ±0.15 mm
Cable, bending cycles min.	2 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
System	Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage Ub	30 VDC
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, IP68, IP69K

Interface

Switching output	NPN NO/NC antivalent

Material

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

Mechanical data

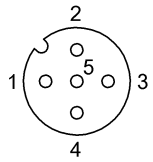
Acceleration max., drag chain	5 m/s²
Cable jacket, color	Yellow
Cable length L	2.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

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Remarks

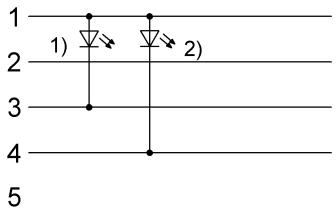
Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



1) Green LED = Power
2) Yellow LED = Function