

Single-Ended Cordsets
BCC M415-0000-1A-003-EX44T2-100
Order Code: BCC05FA

BALLUFF



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	TPE Yellow, 10 m, drag chain compatible
Cable diameter D	5.30 mm ±0.13 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
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

Remarks

Cable construction acc. to UL-AWM Style 20327
 Flame resistance acc. to IEC 332-2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP67, IP68, IP69K

Interface

Switching output	Complementary
------------------	---------------

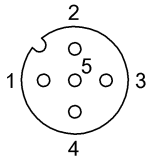
Material

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

Mechanical data

Cable jacket, color	Yellow
Cable length L	10.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm

Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

Wiring Diagrams

