

Double-Ended Cordsets
BCC M425-M414-3A-304-EX44T2-020
Order Code: BCC060R

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, 2 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 1	M12x1-Female, angled, 5-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/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/IP67, IP68, IP69K

Interface

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

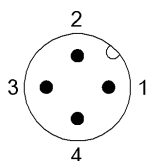
Material

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

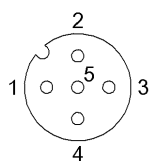
Mechanical data

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

Connector Drawings



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



I
PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: not used

Wiring Diagrams

