

4MT5  
(CYJV CABLE ASSEMBLY)



### Basic features

Approval/Conformity	cULus EAC WEEE
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### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR yellow, 2 m, Drag chain compatible
Cable diameter D	4.30 mm ±0.20 mm
Cable, bending cycles min.	5 million
Conductor cross-section	22 AWG
Connection	M12x1-Female, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	3
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

### Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
Protection degree	IP67, IP68, IP69K

### Material

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

### Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
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

Single-Ended Cordsets

**BCC M415-0000-1A-001-PX43T2-020**

**Order Code: BCC0J65**

**BALLUFF**

Remarks

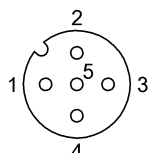
Bulk cable approval per UL+CSA, UL-AWM Style 21198 or 20549

Halogen-free per DIN VDE 0472 Part 815

Flame resistance acc. to FT1

Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



PIN 1: brown

PIN 3: blue

PIN 4: black

**Wiring Diagrams**

