

## Basic features

Approval/Conformity	CE cULus 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	PUR Yellow, 5 m, drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Conductor cross-section	22 AWG
Connection	M12x1-Male, angled, 4-pin, A-coded
Connector configuration	right-angle
Number of conductors	4
Number of pins	4
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 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
IP rating	IP67, IP68, IP69K

## Interface

Switching output	PNP NO/NC antivalent
------------------	----------------------

## 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/s <sup>2</sup>
Cable jacket, color	Yellow
Cable length L	5.00 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

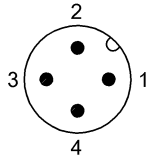
Single-Ended Cordsets  
**BCC M424-0000-2A-008-PX44T2-050**  
Order Code: BCC05RF



Remarks

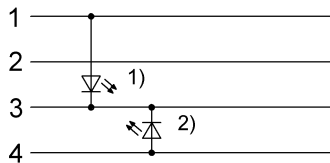
Bulk cable approval per UL+CSA, UL-AWM Style 21198 or 20549  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance acc. to FT1  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams



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