

1) Power green, 2) LED yellow for Signal 1 (NO), 3) Slot numbering



## Basic features

<b>Approval/Conformity</b>	CE UKCA cULus WEEE
<b>Scope of delivery</b>	Part labels (11x) Cover cap (3x)

## Display/Operation

<b>Power indicator</b>	Green LED
<b>Switching function display</b>	Yellow LED (4x)

## Electrical connection

<b>Bending radius min., fixed cable</b>	7.5 x D
<b>Bending radius min., flexible cable</b>	15 x D
<b>Cable</b>	PUR black, 15 m, drag chain compatible
<b>Cable diameter D</b>	6.20 mm ±0.2 mm
<b>Cable, bending cycles min.</b>	2 mil.
<b>Conductor cross-section</b>	0.34 mm <sup>2</sup> + 0.75 mm <sup>2</sup>
<b>Connection slots</b>	4x M8x1-Female, 3-pin
<b>Number of conductors</b>	6

## Electrical data

<b>Isolation resistance</b>	≥ 10 GOhm
<b>Operating voltage U<sub>b</sub></b>	10...30 VDC
<b>Output current max.</b>	3 A
<b>Rated operating voltage U<sub>e</sub> DC</b>	24 V
<b>Total current max.</b>	8 A

## Junction blocks

**BPI 4M303P-5K-B0-KPX60-150**

**Order Code: BPI00C8**

# BALLUFF

### Environmental conditions

Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-20...80 °C
IP rating	IP67, when threaded in

### Material

Cable jacket, material	PUR
Housing material	PBT, GF
Material contact carrier	PBT
Material contacts	Bronze (CuSn6), nickel layer

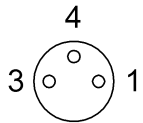
### Mechanical data

Acceleration max., drag chain	10 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	15.00 m
Cable properties	drag chain compatible
Casting	yes
Dimension	91 x 30 x 23 mm
Horizontal travel permitted, drag chain	10 m at 10 m/s <sup>2</sup>
Mounting part	M4 (2x)
Tightening torque	1.2 Nm ±0.2 (M4)
Tightening torque pigtail	0.4 Nm + 0.1 Nm (M8 connector)
Traverse speed max., drag chain	3 m/s

### Remarks

Cable construction acc. to UL-AWM Style 20549/10493  
Flame resistance per IEC 60332-1-2  
Flame resistance per UL 758/1581 FT2  
Oil resistant per DIN EN 60811-404 (VDE 0473-811-404)  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

### Connector Drawings



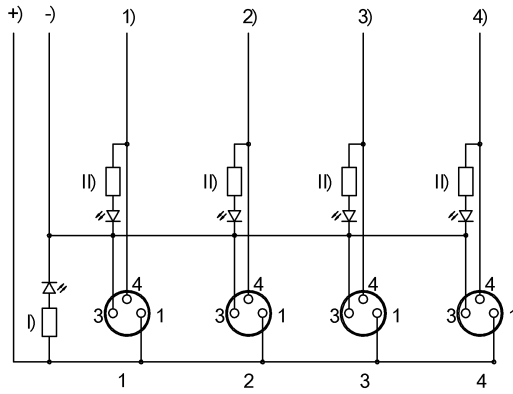
I/O ports

PIN 1: +24V

PIN 3: 0V

PIN 4: Normally open

Wiring Diagrams



-) blue 0.75 mm<sup>2</sup>

+) brown 0.75 mm<sup>2</sup>

1) white

2) green

3) yellow

4) gray

I) LED green

II) LED yellow