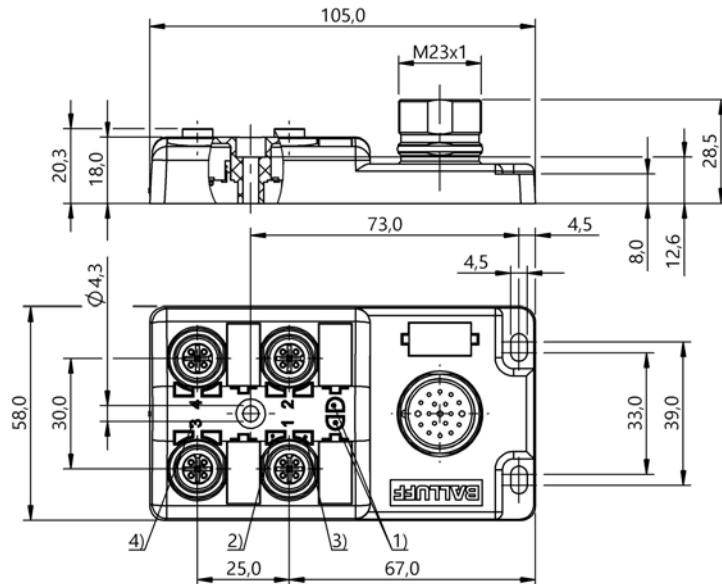


Junction blocks

BPI 4M4A5P-2K-B0-SM6LT

Order Code: BPI008Y

BALLUFF

1) Power green, 2) LED yellow for Signal 1 (NO), 3) LED yellow for Signal 2 (NC), 4) Slot numbering



Basic features

Approval/Conformity

CE

UKCA

cULus

WEEE

Scope of delivery

Part labels (24x)

Cover cap (2x)

Display/Operation

Power indicator

Green LED

Switching function display

Yellow LED (8x)

Electrical connection

Connection slots

4x M12x1-Female, 5-pin

Electrical data

Isolation resistance

 $\geq 10 \text{ GOhm}$ Operating voltage U_b

10...30 VDC

Output current max.

4 A

Rated operating voltage U_e DC

24 V

Total current max.

8 A

Environmental conditions

Ambient temperature

-25...80 °C

IP rating

IP67, when threaded in

Interface

Switching output

PNP normally open/normally closed (NO/NC)

Material

Housing material

PBT, GF

Material contact carrier

PBT

Material contacts

Bronze (CuSn6), nickel layer

Mechanical data

Casting

yes

Dimension

105 x 58 x 28.5 mm

Mounting part

M4 (3x)

Tightening torque

1.2 Nm ± 0.2 (M4)

Tightening torque pigtail

0.6 Nm + 0.1 Nm (M12 connector)

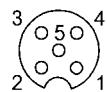
Junction blocks

BPI 4M4A5P-2K-B0-SM6LT

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BALLUFF

Connector Drawings



I/O ports

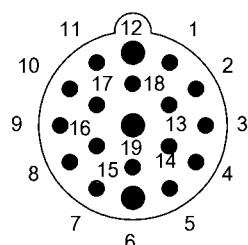
PIN 1: +24V

PIN 2: Normally closed

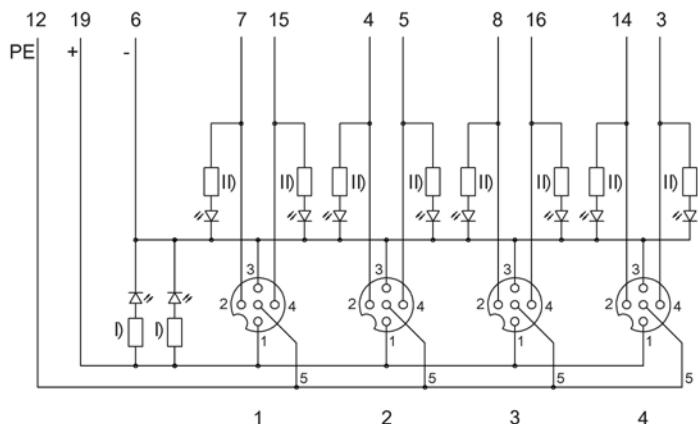
PIN 3: 0V

PIN 4: Normally open

PIN 5: PE



Wiring Diagrams



I) LED green

II) LED yellow