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	≥ 10 GOhm
Operating voltage Ub	10...30 VDC
Output current max.	4 A
Rated operating voltage Ue 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

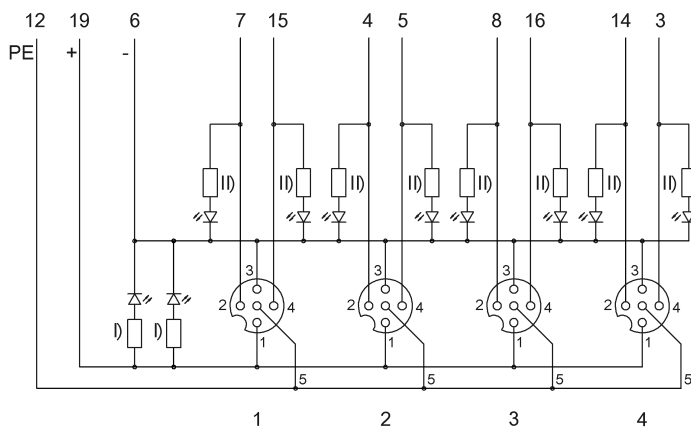|	
Casting	yes
Dimension	105 x 58 x 28.5 mm
Mounting part	M4 (3x)
Tightening torque	1.2 Nm ±0.2 (M4)
Tightening torque pigtail	0.6 Nm + 0.1 Nm (M12 connector)

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Connector Drawings
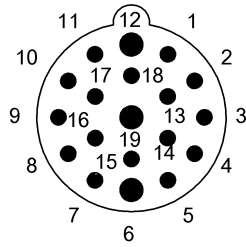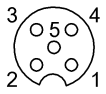
I/O ports

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

Internet   www.balluff.com

Subject to change without notice: PV159923

eCl@ss 9.1: 27-44-01-08

ETIM 6.0: EC002585

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