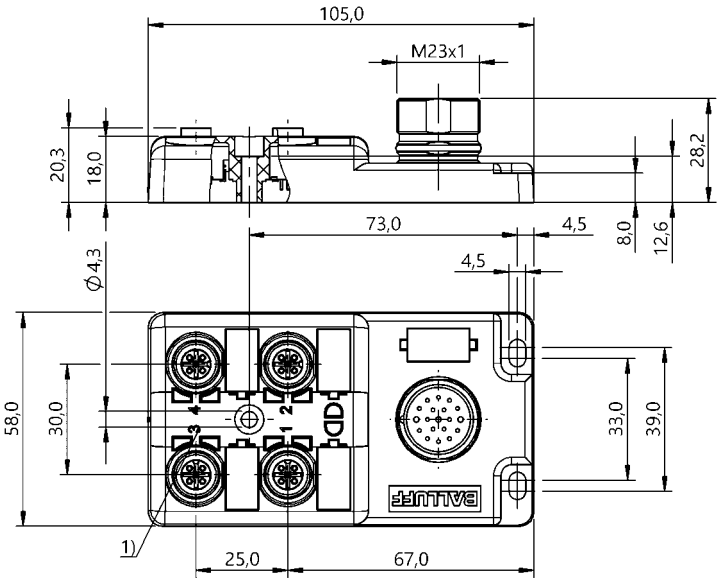
AbN
automation

Junction blocks

BPI 4M4A50-2K-B0-SM6LT
Order Code: BPI00JJ



1) Slot numbering

Basic features

Approval/Conformity	CE UKCA cULus WEEE
Scope of delivery	Part labels (24x) Cover cap (2x)

Electrical connection

Connection slots	4x M12x1-Female, 5-pin

Electrical data

Isolation resistance	≥ 10 GOhm
Operating voltage Ub	10...60 VDC/10...60 VAC
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

Material

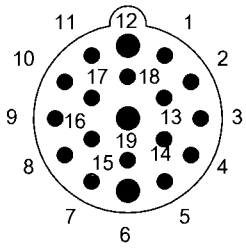
Housing material	PBT, GF
Material contact carrier	PBT
Material contacts	Bronze (CuSn6), nickel layer

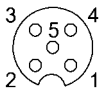
Mechanical data

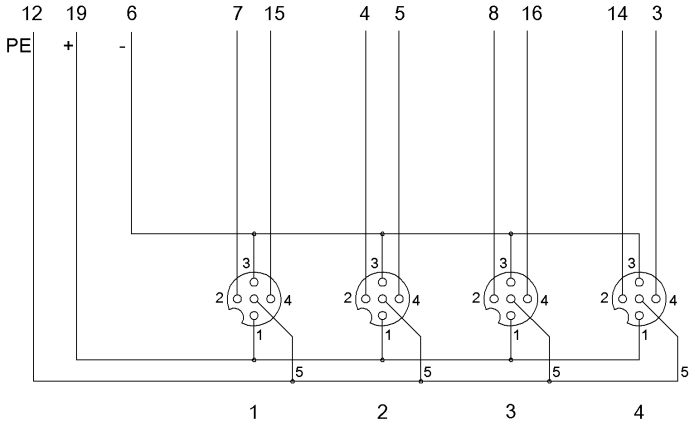
Casting	yes
Dimension	105 x 58 x 28.5 mm
Mounting part	M4 (3x)
Tightening torque	1.2 Nm ±0.2 (M4)
Tightening torque pigtail	0.6 Nm + 0.1 Nm (M12 connector)

BPI 4M4A50-2K-B0-SM6LT
Order Code: BPI00JJ

Connector Drawings





PIN 1: +24V
PIN 2: Signal 2
PIN 3: 0V
PIN 4: Signal 1
PIN 5: PE

Wiring Diagrams