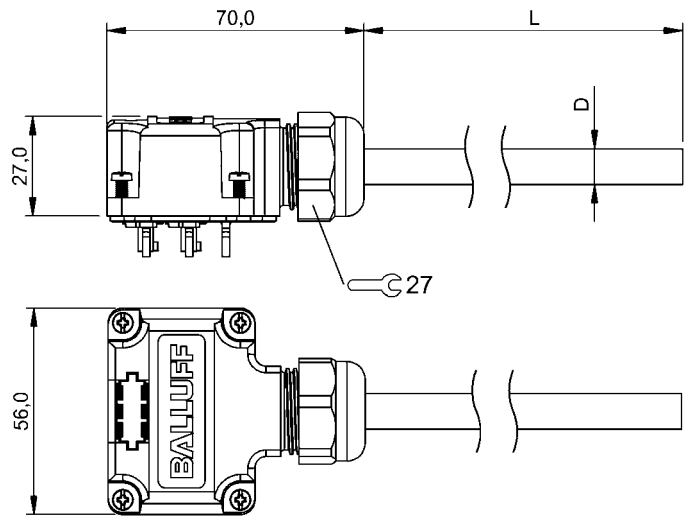


Junction blocks
BPI T00G-K-00-KPXD0-100
Order Code: BPI008K



Basic features

Approval/Conformity	CE UKCA WEEE
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Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	PUR black, 10 m, drag chain compatible
Cable diameter D	9.35 mm $\pm$ 0.3 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm ² + 1.0 mm ²
Number of conductors	13

Electrical data

Output current max.	2 A
Total current per voltage feed	8 A
Voltage feeds, number	2

Environmental conditions

Cable temperature, drag chain	-20...60 °C
Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-20...80 °C
IP rating	IP67, when threaded in

Material

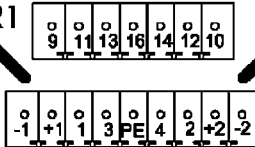
Cable jacket, material	PUR
Housing material	PBT, GF

Mechanical data

Cable jacket, color	black
Cable length L	10.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	10 m at 10 m/s ²
Traverse speed max., drag chain	3 m/s

Wiring Diagrams

Anschlussstabelle / terminal diagram

Klemme Nr. Terminals No.	M12 Buchse / M12 Socket Steckplatz/Kontakt / Slot/contact	Anschlußleitung Standardfarbe Standard cable colour coding	Kontaktbelegung / Contactassignment
1	1 / 4	WH	Buchse / Socket M12 (-) 3 4 (NO/1.Signal) (NC/2.Signal) 2 5 (PE) 1 (+)  Klemmen / terminals BR1 9 11 13 16 14 12 10 BR2 
9	1 / 2	GY/PK	
2	2 / 4	GN	
10	2 / 2	RD/BU	
3	3 / 4	YE	
11	3 / 2	WH/GN	
4	4 / 4	GY	
12	4 / 2	BN/GN	
+1	1, 3 / 1 (+)	BN 1	
+2	2, 4 / 1 (+)	BN 2	
-1	1, 3 / 3 (-)	BU 1	
-2	2, 4 / 3 (-)	BU 2	
PE	1-4 / 5 (PE)	GN/YE	