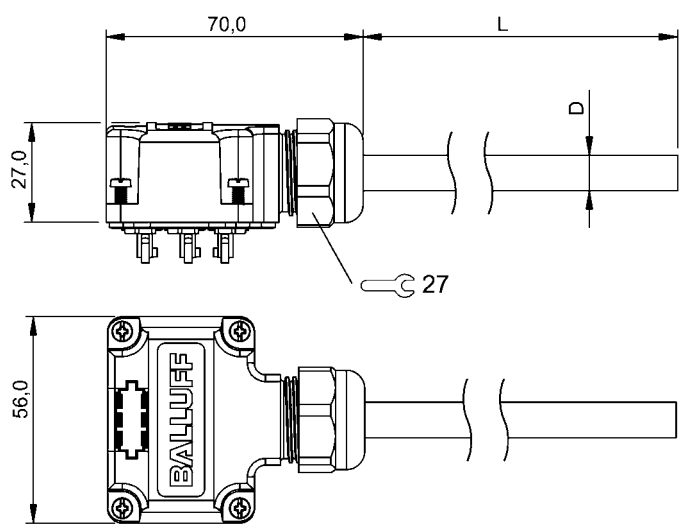


Junction blocks
BPI T00N-K-00-KPXN0-050
Order Code: BPI008C

BALLUFF



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, 5 m
Cable diameter D	9.95 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	21

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	5.00 m
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. Termina 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) 5 (PE) 1 (+) (NC/2.Signal) 2 Klemmen / terminals BR1 9 11 13 16 14 12 10 BR2 -1 +1 1 3 PE 4 2 +2 -2 5 7 15 8 6
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	
5	5 / 4	PK	
13	5 / 2	WH/YE	
6	6 / 4	RD	
14	6 / 2	YE/BN	
7	7 / 4	BK	
15	7 / 2	WH/GY	
8	8 / 4	VT	
16	8 / 2	GY/BN	
+1	1, 3, 5, 7 / 1 (+)	BN 1	
+2	2, 4, 6, 8 / 1 (+)	BN 2	
-1	1, 3, 5, 7 / 3 (-)	BU 1	
-2	2, 4, 6, 8 / 3 (-)	BU 2	
PE	1-8 / 5 (PE)	GN/YE	