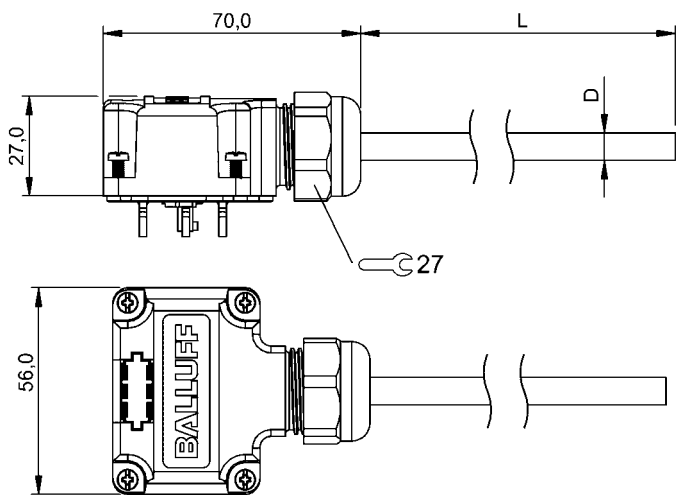


Junction blocks
BPI T009-K-00-KPX70-100
Order Code: BPI0081

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, 10 m, drag chain compatible
Cable diameter D	7.45 mm $\pm$ 0.2 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm ² + 1.0 mm ²
Number of conductors	7

Electrical data

Output current max.	2 A
Total current max.	8 A

Remarks

Cable construction acc. to UL-AWM Style 20549/10493
Flame resistance per IEC 60332-1-2
Flame resistance per UL 758/1581 FT2
Halogen-free per DIN VDE 0472 Part 815
Halogen-free acc. to IEC 60754-1
Oil resistant per DIN EN 60811-404 (VDE 0473-811-404)
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Suitable for use with BPI 4M4A4P-2K-00-TP09

Environmental conditions

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

Material

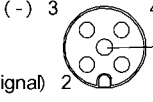
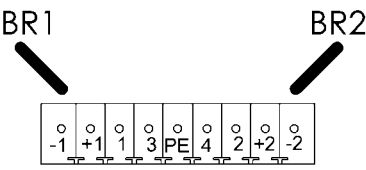
Cable jacket, material	PUR
Housing material	PBT, GF

Mechanical data

Acceleration max., drag chain	10 m/s ²
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. 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) (NC/2.Signal) 2 1 (+)
2	2 / 4	GN	
3	3 / 4	YE	
4	4 / 4	GY	
			Klemmen / terminals  BR1 BR2 -1 +1 1 3 PE 4 2 +2 -2
+1	1, 3 / 1 (+)	BN	
+2	2, 4 / 1 (+)	n.c.	
-1	1, 3 / 3 (-)	BU	
-2	2, 4 / 3 (-)	n.c.	
PE	1-4 / 5 (PE)	GN/YE	