LOAD CELL B9N

17—4PH stainless steel, adhesive—sealed.
Suitable for platform scales, vehicle scales and other electronic weighing devices.

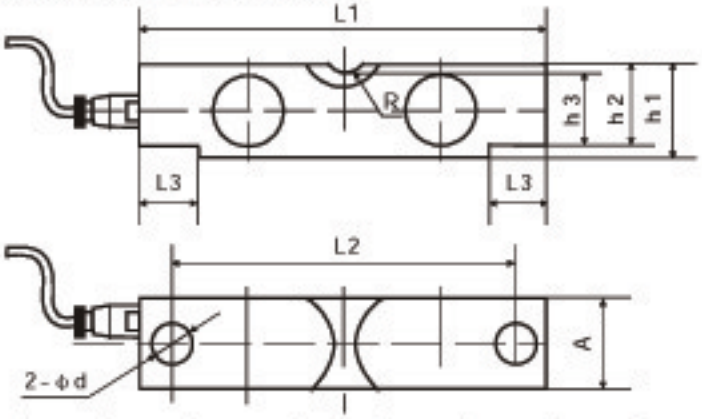
Capacity	Accuracy	Part number
10Klb	N10	B9N-N10-10K-9B
15Klb	N10	B9N-N10-15K-9B
20Klb	N10	B9N-N10-20K-9B
25Klb	N10	B9N-N10-25K-9B
30Klb	N10	B9N-N10-30K-9B
40Klb	N10	B9N-N10-40K-9B
50Klb	N10	B9N-N10-50K-9B
60Klb	N10	B9N-N10-60K-9B
75Klb	N10	B9N-N10-75K-9B
100Klb	N10	B9N-N10-100K-9B
125Klb	N10	B9N-N10-125K-9B

Specifications

Accuracy Class	**N10**	Temperature effect on zero (%FS/10℃)	0.017
Rated output (mV/V)	3.0±0.003	Temperature, Compensated (℃)	-10~+40
Combined error (%FS)	0.02	Temperature, Operating (℃)	-35~+65
Non-linearity (%FS)	0.017	Excitation, Recommended (V)	5~12(DC)
Non-repeatability (%FS)	0.01	Excitation, Max.(V)	18(DC)
Creep (%FS/30min)	0.03	Safe Overload (%FS)	150
Input Resistance (Ω)	700±7	Ultimate Overload (%FS)	300
Output Resistance (Ω)	700±7	Protection Class	IP 67
Insulation Resistance (MΩ)	≥5000(50VDC)	Cable Length (m)	9
Zero Balance (%FS)	1.0	Cable spec	**4-wire shielded PU cable**
Temperature effect on span (%FS/10℃)	0.014		

Connections Red Input(+) Black Input(-) Green Output(+) White Output(-) Transparence (Shield)

Outline Dimensions in mm(inches)



Capacity(Klb)	L1	L2	L3	h1	h2	h3	A	d	R
10-25	197 (7.75)	165 (6.50)	35 (1.38)	49.3 (1.94)	43.2 (1.70)	41.4 (1.63)	43 (1.70)	17.3 (0.68)	19.1 (0.75)
30-40	260.4 (10.25)	216 (8.50)	49 (1.93)	62 (2.44)	53.3 (2.10)	50.8 (2.00)	49.3 (1.94)	20.6 (0.81)	25.4 (1.00)
50-75	260.4 (10.25)	216 (8.50)	49 (1.93)	74.7 (2.94)	67.3 (2.65)	64.5 (2.54)	62 (2.44)	26.9 (1.06)	25.4 (1.00)
100-125	387.4 (15.25)	324 (12.76)	79.5 (3.13)	98 (3.86)	87.1 (3.43)	83.8 (3.30)	73.7 (2.90)	41.2 (1.62)	38.1 (1.50)