

B9B1



- B9B1 load cells are available in the capacity of 2t.
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium making it suitable for all kinds of environments.
- Dual shear beam, easy for installation, suitable for electronic platform scales and other electronic weighing devices.
- Safe and anti-explosive product, can be used in atrocious environment and hazardous areas.

Features

- Capacity: 2t
- High accuracy
- Stainless steel construction
- Low profile



Specifications						
Capacity	t	2				
Accuracy		C1	C2	C3	A5M	B10M
Maximum number of verification intervals	n _{max}	1000	2000	3000	5000	10000
Minimum load cell verification interval	v _{min}	E _{max} /3000	E _{max} /5000	E _{max} /10000	E _{max} /15000	E _{max} /10000
Combined error	(%FS)	≤ ±0.050	≤ ±0.030	≤ ±0.020	≤ ±0.026	≤ ±0.050
Creep	(%FS/30min)	≤ ±0.038	≤ ±0.024	≤ ±0.016	≤ ±0.017	≤ ±0.040
Temperature effect on sensitivity	(%FS/10°C)	≤ ±0.028	≤ ±0.017	≤ ±0.011	≤ ±0.013	≤ ±0.040
Temperature effect on zero	(%FS/10°C)	≤ ±0.047	≤ ±0.023	≤ ±0.015	≤ ±0.014	≤ ±0.020
Output sensitivity	(mv/v)	1.2±0.004				
Input resistance	(Ω)	700±7				
Output resistance	(Ω)	703±4				
Insulation resistance	(MΩ)	≥5000(50VDC)				
Zero balance	(%FS)	2.5				
Temperature, compensated	(°C)	-10~+40				
Temperature, operating	(°C)	-35~+65				
Excitation, recommended	(V)	5~12(DC)				
Excitation, max	(V)	18(DC)				
Safe overload	(%FS)	150				
Ultimate overload	(%FS)	300				

Outline Dimension mm(inch)

