

- B8Q load cells are available in the capacities 200kg~2t.
- Stainless steel, sealed by adhesive inside, oil-proof, waterproof and anti-corrosion, suitable for all kinds of environments.
- Single shear beam, easy for installation, suitable for electronic platform, hopper scales, floor scales and other electronic weighing devices.

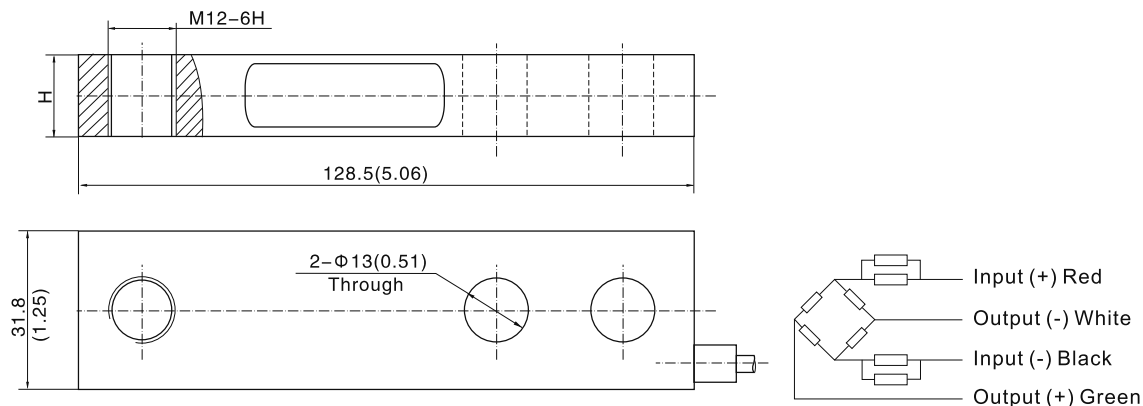
### Features

- Capacity: 200kg~2t
- High accuracy
- Stainless steel construction
- Extremely low profile



Specifications					
Capacity	t	0.2/0.5/1/2			
Accuracy		C2	C3	A5S	A5M
Maximum number of verification intervals	n <sub>max</sub>	2000	3000	5000	5000
Minimum load cell verification interval	v <sub>min</sub>	E <sub>max</sub> /5000	E <sub>max</sub> /10000	E <sub>max</sub> /15000	E <sub>max</sub> /15000
Combined error	(%FS)	≤ ±0.030	≤ ±0.020	≤ ±0.018	≤ ±0.026
Creep	(%FS/30min)	≤ ±0.024	≤ ±0.016	≤ ±0.012	≤ ±0.017
Temperature effect on sensitivity	(%FS/10°C)	≤ ±0.017	≤ ±0.011	≤ ±0.009	≤ ±0.013
Temperature effect on zero	(%FS/10°C)	≤ ±0.023	≤ ±0.015	≤ ±0.010	≤ ±0.014
Output sensitivity	(mv/v)	2.0±0.002			
Input resistance	(Ω)	1106±5			
Output resistance	(Ω)	1000±3			
Insulation resistance	(MΩ)	≥ 5000(50VDC)			
Zero balance	(%FS)	1.0			
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)



Capacity	200kg	500kg	1t	2t
Dimension				
H	12.7 (0.5)	15.9 (0.63)	19.1 (0.75)	25.4 (1.0)

### Wiring:

Adopt shielded, 4 conductor cable:  $\phi$ 5mm  
Standard cable length: 3m