

H8Q



- H8Q load cells are available in the capacities 200kg~2t.
- Alloy 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.

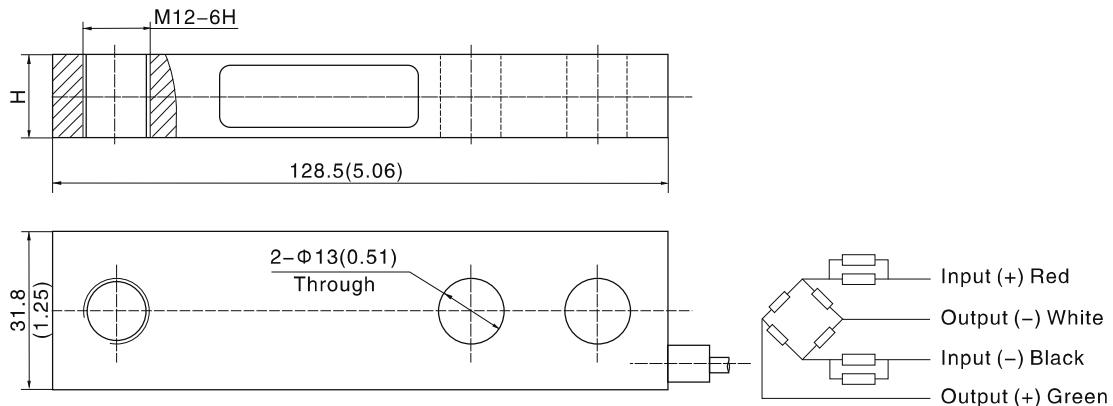
Features

- Capacity: 200kg~2t
- High accuracy
- Alloy 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_{max}	2000	3000	5000	5000
Minimum load cell verification interval	v_{min}	$E_{max}/5000$	$E_{max}/10000$	$E_{max}/15000$	$E_{max}/15000$
Combined error	(%FS)	$\leq \pm 0.030$	$\leq \pm 0.020$	$\leq \pm 0.018$	$\leq \pm 0.026$
Creep	(%FS/30min)	$\leq \pm 0.024$	$\leq \pm 0.016$	$\leq \pm 0.012$	$\leq \pm 0.017$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.017$	$\leq \pm 0.011$	$\leq \pm 0.009$	$\leq \pm 0.013$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.023$	$\leq \pm 0.015$	$\leq \pm 0.010$	$\leq \pm 0.014$
Output sensitivity	(mv/v)	2.0 ± 0.002			
Input resistance	(Ω)	1106 ± 5			
Output resistance	(Ω)	1000 ± 3			
Insulation resistance	(M Ω)	$\geq 5000(50VDC)$			
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