

# H6E3



- H6E3 load cells are available in the capacities 20kg–300kg.
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium making it suitable for all kinds of environments.
- Single point with parallel beam, suitable for electronic scales, platform scales, belt scales and other electronic weighing devices.
- Max. platform size: 400×400mm

### Features

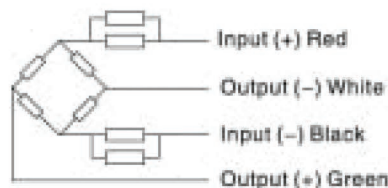
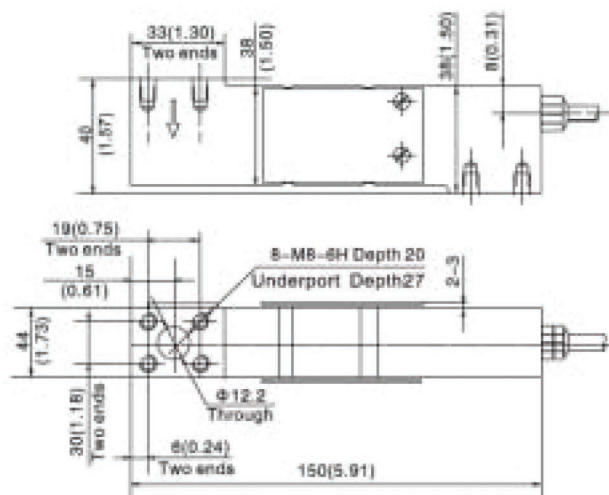
- Capacity: 20kg–300kg
- High accuracy
- Alloy steel construction
- Low profile and easy installation



Specifications			
Capacity	kg	20/30/50/75/100/150/200/250/300	
Accuracy		C2	C3
Maximum number of verification intervals	$n_{max}$	2000	3000
Minimum load cell verification interval	$m_{min}$	$E_{max}/5000$	$E_{max}/10000$
Combined error	(%FS)	$\leq \pm 0.030$	$\leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.024$	$\leq \pm 0.016$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.017$	$\leq \pm 0.011$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.023$	$\leq \pm 0.015$
Output sensitivity	(mV/V)	2.0±0.2/2.0±0.002	
Input resistance	(Ω)	364±4/400±20	
Output resistance	(Ω)	351±2.0	
Insulation resistance	(MΩ)	≥5000(50VDC)	
Zero balance	(%FS)	1.5	
Temperature, compensated	(°C)	-10~+40	
Temperature, operating	(°C)	-35~+70	
Excitation, recommended	(V)	5~12(DC)	
Excitation, max	(V)	18(DC)	
Safe overload	(%FS)	150	
Ultimate overload	(%FS)	300	
Corner correction		0.02%load value/100mm	

Note: output sensitivity of S1 type is 2.0±0.002mV/V, input resistance is 400±20Ω

### Outline Dimension mm(inch)



### Wiring:

Adopt shielded, 4 conductor cable: Ø5mm  
Standard cable length: 3m