



Products specification

- ◆ H9N load cell are available in the capacities 25Klb to 200Klb.
- ◆ Alloy steel construction, potted by adhesive inside, oil-proof, waterproof and anti-corrosive gas and medium making it suitable for all kinds of environments.
- ◆ Dual shear beam, Suitable for electronic track scales, truck scales, hopper scales and other electronic weighing devices.

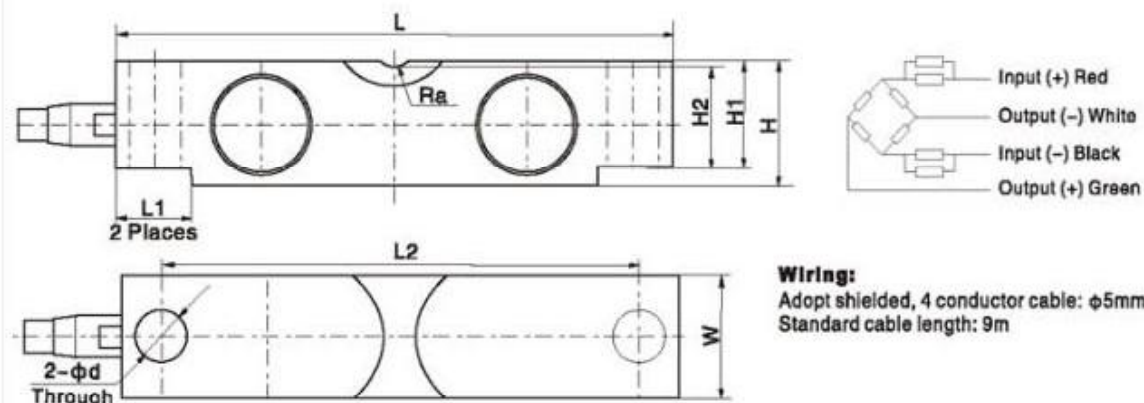
Features

- ◆ Capacity 25Klb to 200Klb.
- ◆ High accuracy.
- ◆ Alloy steel construction.
- ◆ Easy installation and reliable performance.

Specifications

Capacity	Klb	25/40/50/60/75/100/125/150/200			
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)	≤±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)	3.0±0.003			
Input resistance	(Ω)	700 ±7			
Output resistance	(Ω)	703 ±4			
Insulation resistance	(MΩ)	≥ 5000(50VDC)			
Zero balance	(%FS)	1.0			
Temperature, compensated	(°C)	-10~+40			
Temperature, allowed	(°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(Klb)	L	L1	L2	H	H1	H2	W	d	Ra
25	197 (7.75)	35 (1.38)	165 (6.5)	49.3 (1.94)	43.2 (1.7)	41.4 (1.63)	43 (1.7)	17.3 (0.68)	19.1 (0.75)
40	260.4 (10.25)	49.3 (1.93)	216 (8.5)	62 (2.44)	53.3 (2.1)	50.8 (2)	49.3 (1.94)	20.6 (0.81)	25.4 (1)
50-75	260.4 (10.25)	49 (1.93)	216 (8.5)	74.7 (2.94)	67.3 (2.65)	64.5 (2.54)	62 (2.44)	26.9 (1.06)	25.4 (1)
100-125	387.4 (15.25)	79.5 (3.13)	324 (12.76)	98 (3.86)	87.1 (3.43)	83.8 (3.3)	73.7 (2.9)	41.2 (1.62)	38.1 (1.5)
150-200	489 (19.25)	127.8 (5.03)	387.4 (15.25)	147.3 (5.8)	130.1 (5.12)	112.8 (4.44)	96.5 (3.8)	41.2 (1.62)	50.8 (2.0)