

# H8C

- Nickel plated alloy steel IP67 shear beam load cell
- Adhesive sealed
- Suitable for platform weighing, bed weighing, etc.
- High accuracy
- High reliability
- Current calibrated (sc-option)



### Features

- Capacities: 1Klb-20Klb
- High accuracy
- Alloy steel construction
- Low profile
- NTEP Cert. No.: CC12-028



Specifications			
Capacity	t	0.5/1/1.5/2/2.5/3/5/10	
	Klb	1/1.5/2/2.5/3/4/5/5KSE/7.5/10/20	
Approval		NTEP 5000/10000	
Accuracy		C3/N5	
Maximum Number of Verification Intervals	Nmax	3000/5000	
Minimum Number of Verification Intervals	Vmin	Emax/10000	Emax 5000
Output Sensitivity	(mV/V)	2.0±0.002	3.0±0.003
Input Resistance	(Ω)	350 ±3.5	
Output Resistance	(Ω)	350 ±3.5	
Insulation Resistance	(MΩ)	≥5000 (50VDC)	
Zero Balance	(%FS)	1.0	
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	

Cross Reference	
Manufacturer	Model
Revere	5123
HBM	B35
Tedea	3420/3421
Celtron	SQB
Sensortronics	65023
Coti	CI-23
Artech	30310
Rice Lake	RL35023/39123
Totalcomp	TSB
Transcell	SBS

**Dimensions in mm (in)**

Dimension	L	L1	L2	L3	L4	H	H1	W	W1	D	d	M
Capacity												
0.5~2t	130 (5.12)	15.8 (0.62)	25.4 (1.0)	76.2 (3.0)	54.2 (2.13)	31.8 (1.25)	15.8 (0.62)	31.8 (1.25)	34 (1.34)	13.5 (0.53)	13.5 (0.53)	M12X1.75
1K~4K	130 (5.12)	15.8 (0.62)	25.4 (1.0)	76.2 (3.0)	54.2 (2.13)	31.8 (1.25)	15.8 (0.62)	31.8 (1.25)	34 (1.34)	13.5 (0.53)	13.5 (0.53)	1/2-20UNF
5KSE	130 (5.12)	15.8 (0.62)	25.4 (1.0)	76.2 (3.0)	54.2 (2.13)	31.8 (1.25)	15.8 (0.62)	31.8 (1.25)	34 (1.34)	13.5 (0.53)	13.5 (0.53)	1/2-20UNF
2.5t~5t	171.5 (6.75)	19.1 (0.75)	38.1 (1.5)	95.3 (3.75)	77.2 (3.04)	38.1 (1.5)	18.8 (0.74)	38.1 (1.5)	40 (1.57)	19.8 (0.78)	19.8 (0.78)	M18x1.5
5K~10K	171.5 (6.75)	19.1 (0.75)	38.1 (1.5)	95.3 (3.75)	77.2 (3.04)	38.1 (1.5)	18.8 (0.74)	38.1 (1.5)	40 (1.57)	19.8 (0.78)	19.8 (0.78)	3/4-16UNF
10t	222.3 (8.75)	25.4 (1.0)	50.8 (2.0)	120.7 (4.75)	101.6 (4)	50.8 (2.0)	25.4 (1.0)	50.8 (2)	52.4 (2.06)	26.92 (1.06)	26 (1.02)	M24x2
20K	222.3 (8.75)	25.4 (1.0)	50.8 (2.0)	120.7 (4.75)	101.6 (4)	50.8 (2.0)	25.4 (1.0)	50.8 (2)	52.4 (2.06)	26.92 (1.06)	26 (1.02)	1-12UNF

**Wiring**

- Shielded, 4 conductor cable
- Cable diameter: Ø0.2in
- Shield not connected to element
- Standard cable length: 20ft