

# H3G

- Nickel plated alloy steel IP67 “S” type load cell
- Tension and compression applications
- Suitable for hanging, hopper and other weighing devices
- Also available in imperial capacities and dimensions



### Features

- Capacity: 50lb-20Klb ; 0.05t-7.5t
- High Accuracy
- Alloy steel construction
- Low profile
- NTEP Cert. No.: CC06-099A1



Specifications			
Capacity	lb	50/75/100/150/200/250/300/500/750/1k/1.5k/2k/2.5k/3k/5k/10k/15k/20k	
	t	0.05/0.1/0.25/0.5/1/2.5/5/7.5	
Approval		NTEP 5000	NTEP 10000
Accuracy		C3	N3 N10
Maximum Number of Verification Intervals	Nmax	5000	10000
Minimum Load Cell Verification Intervals	Vmin	Class III	Class III L
Output Sensitivity	(mV/V)	3.0±0.008	
Input Resistance	(Ω)	430 ±60	
Output Resistance	(Ω)	351 ±2.0	
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	

Cross Reference	
Manufacturer	Model
Revere	M363
Celtron	STC
Sensortronics	60001
Artech	20210
Rice Lake	RL20000/20001
Totalcomp	TS-SS
Transcell	BSA/BSS
Vishay	STC

Dimensions in mm (in)							
	Dimension Capacity	L	H	H1	W1	W	M
	50-300lb 50kg, 100kg	50.8 (2.0)	63.5 (2.5)	10.16 (0.4)	12.7 (0.5)	16.5 (0.66)	M8 1/4-28UNF
	500lb-1.5Klb 200kg, 500kg	50.8 (2.0)	63.5 (2.5)	10.16 (0.4)	19.05 (0.75)	22.8 (0.90)	M12 1/2-20UNF
	2.25lb 1t	50.8 (2.0)	63.5 (2.5)	10.16 (0.4)	25.4 (1.0)	29.2 (1.14)	M12 1/2-20UNF
	3Klb 2.5t	76.2 (3.0)	101.6 (4.0)	15.2 (0.6)	25.4 (1.0)	29.2 (1.14)	M20x1.5 1/2-20UNF
	5,10Klb 5t	76.2 (3.0)	101.6 (4.0)	20 (0.79)	25.4 (1.0)	29.2 (1.14)	M20x1.5 3/4-16UNF
	15Klb 7.5t	101.6 (4.0)	139.7 (5.5)	30 (1.18)	31.75 (1.25)	35.5 (1.40)	M24x2 1-4UNF
	20Klb	127 (5.0)	177.8 (7.0)	39.9 (1.57)	50.8 (2.0)	54.2 (2.13)	1 1/4-12UNF

### Wiring

- Shielded, 4 conductor cable
- Cable diameter: Ø0.22in
- Shield not connected to element
- Standard cable length: 20ft