

H3F

- 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

- Capacities: 0.1t~5t;250lb~20klb
- High accuracy
- Alloy steel construction
- Low profile
- NTEP Cert. No.: CC06-099A1



Non OIML approved Certificate no. 06-099A1

Specifications

Capacity	t	100kg/250kg/500kg/750kg/1t/1.5t/2t/2.5t/5t	
	Klb	250/500/750/1K/1.5K/2K/2.5K/3K/5K/7.5K/10K/15K/20K	
Accuracy		C3	N5
Maximum Number of Verification Intervals	Nmax	3000	5000
Minimum Number of Verification Intervals	Vmin	Emax/5000	Emax/5000
Output Sensitivity	(mV/V)	3.0±0.008	
Input Resistance	(Ω)	350±3.5	
Output Resistance	(Ω)	351±2	
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	

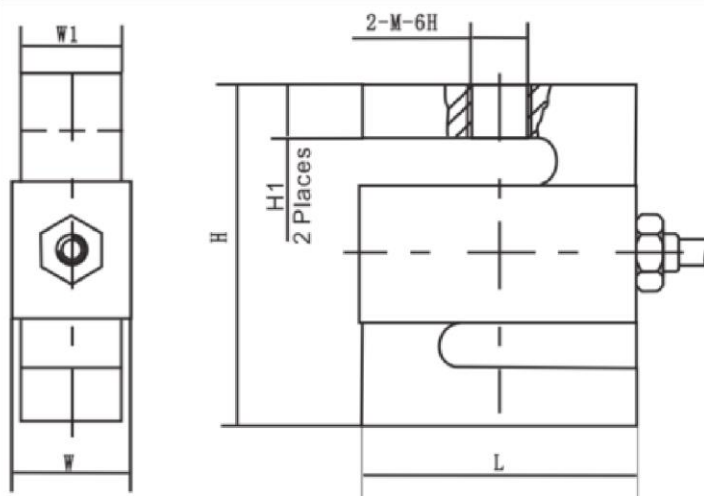
Cross Reference

Manufacturer	Model
Celtron	STC
Sensortronics	60001,60036,RTU363
Cotu	CISB
Transcell	BSS

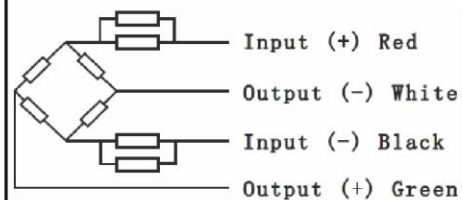
Accessories

- HL-3-001
- HL-3-002
- HL-3-003
- HL-3-004
- HL-3-005

Dimensions in mm (in)



Wiring



- Shielded, 4 conductor cable
- Cable diameter: 0.2in
- Standard cable length: 20ft
- Shield not connected to element

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Dimensions in mm (in)

Dimension (mm)	H	W	W1	L	H1	M
Capacity						
100kg	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	15.8 (0.62)	M10x1.5
250kg	76.2 (3)	25.4 (1.0)	19 (0.75)	20.8 (2)	15.12 (0.6)	M12x1.75
500kg	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	14.2 (0.56)	M12x1.75
750kg	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	13.46 (0.53)	M12x1.75
1000kg	76.2 (3)	31.8 (1.25)	25.4 (1)	50.8 (2)	13.24 (0.52)	M12x1.75
1500kg	76.2 (3)	31.8 (1.25)	25.4 (1)	50.8 (2)	12.1 (0.48)	M12x17.75
2000kg	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	26.7 (1.05)	M18x1.5
2500kg	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	25.48 (1)	M18x1.5
5000kg	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	20.26 (0.8)	M18x1.5
250lb	76.2 (3)	19 (0.75)	12.7 (0.5)	50.8 (2)	15.69 (0.62)	3/8-24UNF-2B
500lb	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	15.25 (0.6)	1/2-20UNF-2B
750lb	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	14.95 (0.59)	1/2-20UNF-2B
1klb	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	14.4 (0.57)	1/2-20UNF-2B
1.5klb	76.2 (3)	25.4 (1.0)	19 (0.75)	50.8 (2)	13.75 (0.54)	1/2-20UNF-2B
2klb	76.2 (3)	31.8 (1.25)	25.4 (1)	50.8 (2)	13.4 (0.53)	1/2-20UNF-2B
2.5klb	76.2 (3)	31.8 (1.25)	25.4 (1)	50.8 (2)	13.03 (0.51)	1/2-20UNF-2B
3klb	76.2 (3)	31.8 (1.25)	25.4 (1)	50.8 (2)	12.39 (0.49)	1/2-20UNF-2b
5klb	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	27.18 (1.07)	3/4-16UNF-2B
7.5klb	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	25.78 (1.01)	3/4-16UNF-2B
10klb	108 (4.25)	31.8 (1.25)	25.4 (1)	76.2 (3)	23.88 (0.94)	3/4-16UNF-2B
15klb	140 (5.51)	31.8 (1.25)	38.1 (1.31)	100 (3.94)	31 (1.22)	1-14UNS-2B
20klb	177.8 (7)	50.8 (2.0)	50.8 (2.0)	125.5 (4.94)	39.9 (1.57)	1 1/4-12UNF-2B

C A M B R I D G E

***THESE LOAD CELLS ARE USED ON MODEL: CSW-10AT-CS CRANE SCALES**

ZEMIC **LOAD CELLS**

<u>MODEL</u>	<u>DESCRIPTION</u>	<u>CAPACITY</u>	<u>LIST</u>
H3F-N10- XX-6YT	“S” TYPE LOAD CELL NTEP	250 LB.	\$ 220.
		500 LB.	\$ 220.
		750 LB.	\$ 220.
		1,000 LB.	\$ 220.
		1,500 LB.	\$ 220.
		2,000 LB.	\$ 220.
		2,500 LB.	\$ 250.
		3,000 LB.	\$ 250.
		5,000 LB.	\$ 390.
		7,500 LB.	\$ 390.
		10,000 LB.	\$ 390.
15,000 LB.	\$ 520.		
20,000 LB.	\$ 790.		

INTERCHANGE WITH:
CELTRON TECHNOLOGY MODEL: STC
SENSORTRONICS MODEL: 60001
CN CELLS MODEL: PA6110

F.O.B.: HONEY BROOK, PA

PRICES EFFECTIVE: 01/01/17

PRICES SUBJECT TO CHANGE WITHOUT NOTICE