

FEATURES

- 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.

AVAILABLE MODELS

xxkg	C3/C4/A5S/B10S	H3F-xx-xxkg-6T
xxt	C3/C4/A5S/B10S	H3F-xx-xxt-6T
xxlb	A5S/B10S	H3F-xx-xx-6YT
xxklb	A5S/B10S	H3F-xx-xxK-6YT
20klb	C3	H3F-C3-20K-6YT
NTEP A5S/B10S Certificate 50kg-5t (200lb-15klb)		

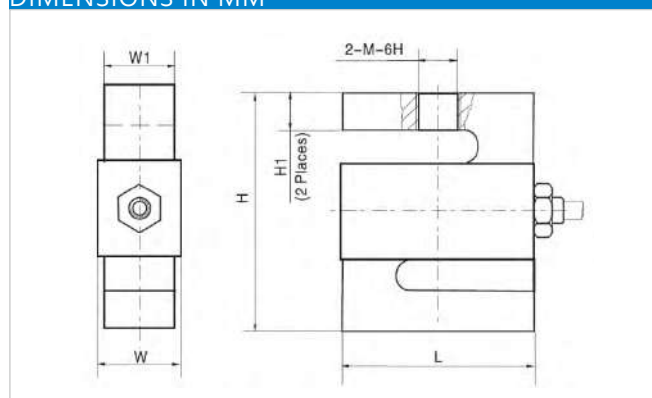


Non OIML approved Certificate no. 06-099A1

SPECIFICATION

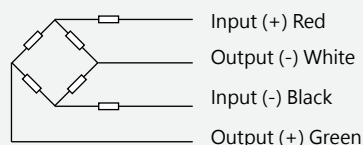
Accuracy class		C3	A5S	B10S
Output sensitivity (= FS)	mV/V	3.0 ± 0.008		
Maximum capacity (E _{max})	t	0.05/0.1/0.25/0.5/0.75/1/1.5/2/2.5/5		
	lb	200/250/300/500/750/1/1.5/2/2.5/3/5/7.5/10/15/20		
Maximum number of load cell intervals (nLC)		3000	III5000 Single Pack	IIIL10000 Single Pack
Ratio of minimum LC verification interval Y=E _{max} / V _{min}		10000	15000	10000
Combined error	%FS	±0.020		
Minimum dead load	%FS	0		
Safe overload	%FS	150		
Ultimate overload	%FS	300		
Zero balance	%FS	± 1.0		
Excitation, recommended voltage	V	5 ~ 12 (DC)		
Excitation maximum	V	18 (DC)		
Input resistance	Ω	350 ± 3.5		
Output resistance	Ω	351 ± 2.0		
Insulation resistance	MΩ	≥ 5000 (50VDC)		
Compensated temperature	°C	-10 ~ +40		
Operating temperature	°C	-35 ~ +65		
Storage temperature	°C	-40 ~ +70		
Element material		Alloy steel		
Ingress protection (according to EN 60529)		IP67		
Recommended torque on fixation	N.m	M10: 50	M12:75	M18: 300
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4

DIMENSIONS IN MM



Dimension(mm)	H	L	W1	W	H 1	M
Capacity						
50kg,100kg	76.2	50.8	19	22.4	9 (0.35)	M10×1.5
250kg~750kg	(3.0)	(2.0)	(0.75)	(0.88)		M12×1.75
1.0t,1.5t						M18×1.5
2.0t~5.0t	108	76.2	25.4	28.8	9 (0.35)	M20×1.5
	(4.25)	(3.0)	(1.0)	(1.13)		
250lb			12.7	16.1		
			(0.5)	(0.63)		
200lb~300lb	76.2	50.8	19	22.4		M33×3
500lb~1.5klb	(3.0)	(2.0)	(0.75)	(0.88)		
2klb~3klb			25.4	28.6		3/4-16UNF
	108	76.2	(1.0)	(1.13)		
	(4.25)	(3.0)				
15klb	140	100	31.8	35	16.5	1-14UNS
	(5.51)	(3.94)	(1.25)	(1.38)	(0.65)	
20klb	177.8	125.5	49.3	54	21.5	5/4-12UNF
	(7.0)	(4.94)	(1.94)	(2.13)	(0.85)	

WIRING



- Shielded, 4 conductor cable.
- Cable diameter: Φ5mm.
- Standard cable length: 6m.
- Shield is not connected to element