

H3

- 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: 50kg~10t;50lb~20Klb
- High accuracy
- Stainless steel construction
- Low profile



OIML test certificate no. D09-03.18 Revision 2
C of C no R60/2000-CN-00.01 Revision 1

Certificate no. 06-099A1

Specifications			
Capacity	t	25kg/50kg/100kg/150kg/200kg/250kg/300kg/ 500kg/600kg/750kg/1t/1.5t/2t/2.5t/3t/5t/7.5t/10t/ 15t/20t/30t	
	lb	100/150/200/250/300/500/750/1k/1.5k/2k/2.5k/ 3k/5k/10k/15k/20k	
Accuracy		C3	N10
Maximum Number of Verification Intervals	Nmax	3000	10000
Minimum Number of Verification Intervals	Vmin	Emax/10000	Emax/10000
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	

Dimensions in mm (in)						
25Kg-5t, 0.1-20Klb			7.5t-30t			
Dimension Capacity	H	L	W1	M	H1	
25kg ~ 50kg	76.2 (3.0)	50.8 (2.0)	12.7 (0.5)	M8	15.7 (0.62)	
0.1t , 0.15t	76.2 (3.0)	50.8 (2.0)	19 (0.75)	M10 × 1.5	15.3 (0.60)	
0.2t ~ 0.75t	76.2 (3.0)	50.8 (2.0)	19 (0.75)	M12 × 1.75	15.1 (0.59)~12.5 (0.48)	
1 , 1.5t	76.2 (3.0)	50.8 (2.0)	25.4 (1.0)	M12 × 1.75	12.6 (0.50), 11.7 (0.46)	
2t ~ 5t	101.6 (4.0)	76.2 (3.0)	25.4 (1.0)	M20 × 1.5	20 (0.79)	
7.5t , 10t	175 (8.89)	125 (4.92)	50 (1.97)	M33 × 3	41 (1.61), 39.5 (1.56)	
15t , 20t	200 (7.87)	160 (6.3)	60 (2.36)	M42 × 3	51 (2.01)	
30t	230 (9.06)	190 (7.48)	80 (3.15)	M42 × 3	57.5 (2.26)	

Wiring

- Shielded, 4 conductor cable
- Cable diameter: 0.2in
- Standard cable length for 25kg-1.5t: 3m and for 2t-30t: 6m
- Shield not connected to element