

HM2D4

- Nickel plated alloy steel IP68 spoke type load cell
- Tension and compression applications
- Suitable for truck scales, hopper scales, automobile testing facilities and other electronic weighing or force measuring field.



Features

- Capacity: 0.5t~20t
- Alloy steel construction
- High accuracy
- Low profile



Specifications		
Capacity	t	0.5/1/2/3/5/10/20/50
Accuracy		C3
Maximum Number of Verification Intervals	Nmax	2000
Minimum Load Cell Verification Intervals	Vmin	E _{max} /5000
Output Sensitivity	(mV/V)	2.0±0.002
Input Resistance	(Ω)	350±3
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

Dimensions in mm (in)					
Capacity	Dimension	D	D1	H	M
0.5t~2t		105 (4.13)	28 (1.10)	70 (2.76)	M14 × 2
3t, 5t		120 (4.72)	33 (1.3)	80 (3.15)	M20 × 1.5
10t, 20t		155 (6.10)	60.5 (2.38)	90 (3.54)	M32 × 2
50t		200 (7.87)	75 (2.95)	120 (4.72)	M45 × 3

Wiring	
	<ul style="list-style-type: none"> • Shielded, 6 conductor cable: Φ 0.22 in • Standard cable length: 5m