

HM2D4

- Nickel plated alloy steel IP68spoketype loadcell
- Tension and compression applications
- Suitable for truck scales, hopper scales, automobile testing facilities and other electronic weighing or force measuring field.



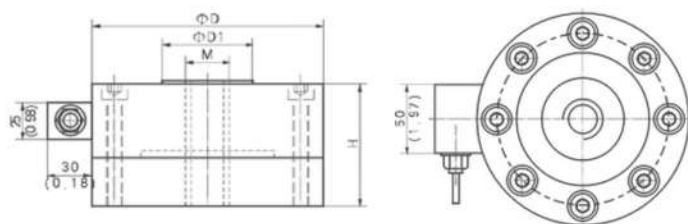
Available models

Capacity	Accuracy	Full article description
0.5t~10t	C3	HM2D4-C3-xtt-5B6
20t	G1	HM2D4-G1-20t-5B6
50t	G3	HM2D4-G3-50t-5B6

Specification

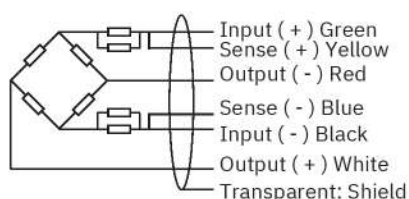
Accuracy class		C3	G1	G3
Maximum capacity (E _{max})	t	0.5/1/2/3/5/10	20	50
Ratio of minimum LC verification interval $Y = E_{\max} / V_{\min}$	vmin	7500		
Combined error	%FS	0.02	0.1	0.3
Creep	%FS/30min	±0.016	±0.05	±0.1
Temperature effect on sensitivity	%FS/10°C	±0.011	±0.1	±0.2
Temperature effect on zero	%FS/10°C	±0.019	±0.1	±0.2
Output sensitivity (= FS)	mV/V	2.0±0.002		
Input resistance	Ω	350±3.5		
Output resistance	Ω	350±3.5		
Insulation resistance	MΩ	≥ 5000(50VDC)		
Zero balance	%FS	0~1.0		
Compensated temperature	°C	-10~+40		
Operating temperature	°C	-35~+65		
Excitation, recommended voltage	V	5~12(DC)		
Excitation maximum	V	18(DC)		
Safe overload	of E _{max}	150		
Ultimate overload	of E _{max}	300		

Dimensions in mm



Dimension	D	D1	H	M
Capacity				
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



- Shielded, 6 conductor cable: Φ5.6mm
- Standard cable length: 5m

Border Scales cc

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Contact us

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Our Services

Border Scales is accredited by SANAS and NRCS to perform Legal Metrology Verification of scales used in trade within our scope of 3kg to 3000kg. Our trained and skilled technicians will service, calibrate and repair all equipment we sell. We offer in-house training on all new equipment installations.