HM2D4

FEATURES

- 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



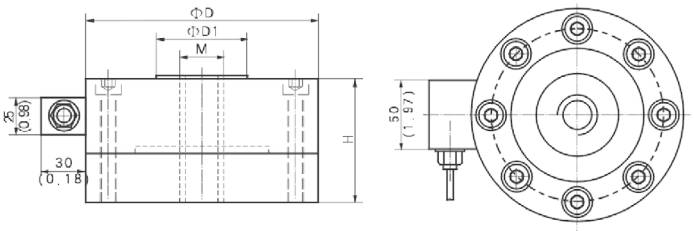
AVAILABLE MODELS

0.5t~10t	C3	HM2D4-C3-xxt-5B6
20t	G1	HM2D4-G1-20t-5B6
50t	G3	HM2D4-G3-50t-5B6

SPECIFICATION

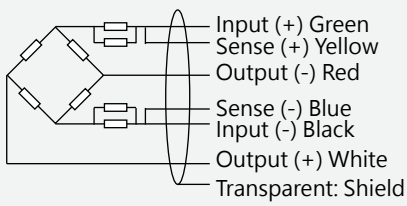
Maximum capacity (E_{max})	t	0.5/1/2/3/5/10	20	50
Accuracy class		C3	G1	G3
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval $Y=E_{max}/V_{min}$		7500		
Combined error	%FS	0.02	0.1	0.3
Creep	%FS/30min	±0.016	±0.05	±0.1
Temperature effect on sensitivity	%FS/10°C	±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	351±2		
Insulation resistance	MΩ	⩾ 5000 (50VDC)		
Zero balance	%FS	± 1.0		
Compensated temperature	°C	-10~+40		
Operating temperature	°C	-35~+70		
Excitation, recommended voltage	V	5~12 (DC)		
Excitation maximum	V	18 (DC)		
Safe overload	%FS	150		
Ultimate overload	%FS	300		

DIMENSIONS IN MM



Dimension / Capacity	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



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