

# HM9E

- Nickel plated alloy steel IP68 dual shear beam load cell
- High accuracy
- Suitable for truck and track scales and other heavy weighing devices
- Hermetically sealed



## Features

- Capacities: 50Kib~200Kib
- High accuracy
- Easy installation
- OIML Cert. No.: R60/2000-NL1-10.15
- NTEP Cert. No.: CC10-057A1



test certificate no. TC7810 Revision 0  
C of C no R60/2000-NL1-10.15

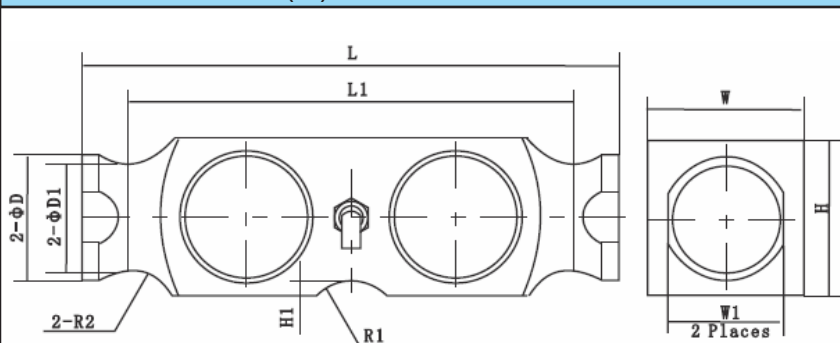


Certificate no. 10-057A1

## Specifications

Capacity	Kib	50/65/100/120/200
Accuracy		N10
Maximum Number of Verification Intervals	Nmax	10000
Minimum Number of Verification Intervals	Vmin	Emax/10000
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1
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

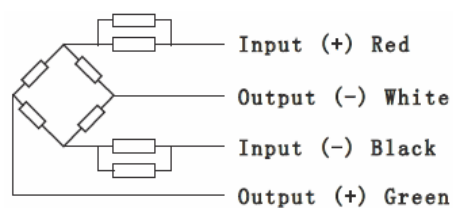
## Dimensions in mm (in)



### Outline Dimensions mm (inch)

Dimension	L	L1	H	H1	W	W1	ΦD	ΦD1	R1	R2
Capacity										
500Kib~125Kib	280 (10.24)	215.9 (8.5)	76.2 (3.0)	7 (0.28)	76 (2.99)	55.9 (2.2)	Φ61 (2.4)	Φ52.3 (2.06)	R25.4 (1.0)	R25.4 (1.0)
200Kib	304 (11.97)	254 (10.0)	86.36 (3.4)	10 (0.39)	86.36 (3.40)	63.5 (2.5)	Φ70 (2.76)	Φ59.7 (2.35)	R38.1 (1.5)	R38.1 (1.5)

## Wiring



- Shielded, 4 conductor cable
- Cable diameter: 0.32in
- Standard cable length: 12m
- Shield not connected to element