

HM8

- Nickel plated alloy steel IP68 shear beam load cell
- Suitable for truck, track, hopper and other electronic weighing devices



Features

- Capacities:500kg~50t
- High accuracy
- Low profile
- OIML Cert. No.: R60/2000-NL1-12.14



OIML test certificate no. TC8103 Revision 0
C of C no. R60/2000-NL1-12.14

Specifications		
Capacity	t	500kg/1/2/2.5/3/5/10/15/20/25/30/50
Accuracy		C3
Maximum Number of Verification Intervals	Nmax	3000
Minimum Number of Verification Intervals	Vmin	Emax/10000
Output Sensitivity	(mV/V)	2.0±0.002
Input Resistance	(Ω)	350±3.5
Output Resistance	(Ω)	352±3
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.5
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)														
	H	H1	H2	H3	ΦD	Φd	W	L	L1	L2	L3	L4	L5	L6
Capacity	57.9 (2.28)	43 (1.69)	37 (1.47)	5 (0.2)	35 (1.38)	13 (0.51)	37 (1.47)	203 (7.99)	95 (3.74)	22 (0.87)	98 (3.86)	64 (2.52)	/	/
1-2t	57.9 (2.28)	43 (1.69)	37 (1.47)	5 (0.2)	35 (1.38)	15 (0.59)	37 (1.47)	203 (7.99)	95 (3.74)	22 (0.87)	98 (3.86)	64 (2.52)	/	/
2.5 t	62.9 (2.48)	43 (1.69)	37 (1.47)	5 (0.2)	35 (1.38)	15 (0.59)	37 (1.47)	203 (7.99)	95 (3.74)	22 (0.87)	98 (3.86)	64 (2.52)	/	/
3t	78.7 (3.1)	52 (2.05)	48 (1.89)	8 (0.31)	42 (1.65)	21 (0.83)	48 (1.89)	235 (9.25)	110 (4.33)	22 (0.87)	124 (4.88)	66 (2.6)	/	/
5t	127.7 (5.03)	67 (2.64)	60 (2.36)	12 (0.47)	57 (2.24)	28 (1.10)	60 (2.36)	279 (10.98)	133 (5.24)	32 (1.26)	140 (5.51)	82 (3.32)	/	/
10t,15t	143.5 (5.65)	82.5 (3.25)	70 (2.76)	12 (0.47)	70 (2.76)	34 (1.34)	70 (2.76)	318 (12.52)	153 (6.02)	38 (1.5)	159 (6.26)	89 (3.5)	/	/
20t,25t	174 (6.85)	115 (4.53)	90 (3.54)	18 (0.71)	70 (2.76)	26 (1.02)	96 (3.78)	374 (14.72)	189 (7.44)	44.5 (1.75)	181 (7.13)	76 (2.99)	51 (2.01)	46 (1.81)
30t														

Wiring

- Shielded, 6 conductor cable
- Cable diameter: 0.24
- Standard cable length: 6.5m
- Shield not connected to element