

BM8G

- Stainless steel IP68 shear beam load cell
- Hermetically sealed
- Robust and wide mounting surface
- Suitable for harsh environment
- Current calibrated (sc-option)

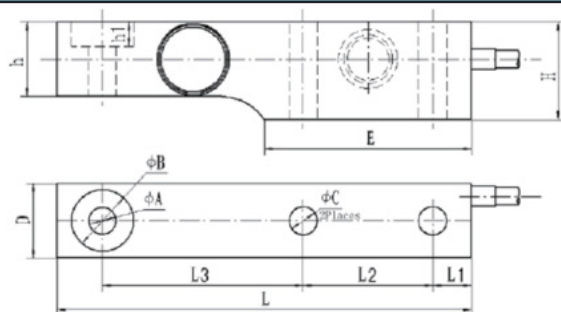


test certificate no. D09-07.22
C of C no R60/2000-DE1-10.07

Specifications

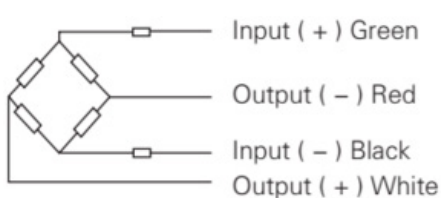
Capacity	t	0.5/1/2/5/7.5/10	1/2/5/10/15
Accuracy		C3	N5
Maximum Number of Verification Intervals	Nmax	3000	5000
Minimum Number of Verification Intervals	Vmin	Emax/10000	Emax/5000
Output Sensitivity	(mV/V)	2.0±0.002	
Input Resistance	(Ω)	350±3.5	
Output Resistance	(Ω)	350±3.5	
Insulation Resistance	(MΩ)	≥5000 (50VDC)	
Zero Balance	(%FS)	1	
Temperature, Compensated	(°C)	-10~+40	
Temperature, Operating	(°C)	-35~+65	
Excitation, Recommended	(V)	5~12 (DC)	
Excitation, Max	(V)	18 (DC)	
Safe Overload	(%FS)	150	
Ultimate Overload	150	300	

Dimensions in mm (in)



Capacity	A	B	C	D	E	L	L1	L2	L3	H	h	h1
0.5t~2t (1k1b~5k1b)	17.48 (0.69)	30.3 (1.19)	13.9 (0.55)	36.5 (1.44)	101.6 (4.00)	203.2 (8.00)	19.05 (0.75)	63.5 (2.50)	98.43 (3.88)	47.63 (1.88)	36.5 (1.44)	11.8 (0.46)
1t, 2t, 2klb, 5klb	/	/	/	/	/	/	/	/	/	/	/	11.9 (0.47)
5t, 7.5t~W2 (10K1b~15K1b)	25.5 (1.00)	41.4 (1.63)	22.23 (0.88)	47.36 (1.86)	117.5 (4.63)	234.95 (9.25)	20.62 (0.81)	66.7 (2.63)	123.8 (4.87)	69.85 (2.75)	47.64 (1.88)	15.75 (0.62)
5t~W1	25.5 (1.00)	41.3 (1.63)	22 (0.87)	47.5 (1.87)	111 (4.37)	234.95 (9.25)	20.62 (0.81)	66.7 (2.63)	123.8 (4.87)	50 (1.97)	47.6 (1.87)	15.8 (0.62)
5t~W2	25.5 (1.00)	41.4 (1.63)	22.23 (0.88)	47.37 (1.86)	117.5 (4.63)	234.95 (9.25)	20.62 (0.81)	66.7 (2.63)	123.8 (4.87)	69.85 (2.75)	47.6 (1.87)	15.75 (0.62)
10t	25.5 (1.00)	41.4 (1.63)	25 (0.98)	55 (2.17)	111 (4.37)	234.95 (9.25)	20.62 (0.81)	66.7 (2.63)	123.8 (4.87)	69.85 (2.75)	58.6 (2.31)	15.75 (0.62)

Wiring



- Shielded, 4 conductor cables
- Cable diameter: 0.2in
- Standard cable length: 16.4ft
- Shield not connected to element