

- ◆B8D load cells are available in the capacities 250lb to 20Klb and 0.5t to 10t.
- ◆They offer total stainless steel construction, complete hermetic sealing, oil-proof, waterproof and anti-corrosion making them suitable for use in all kinds of environments.
- ◆Single shear beam, easy installation and it is suitable for floor scale, automobile test facilities, hopper scale and other electronic weighing devices.
- ◆It is safety and anti-explosion product that can be used in atrocious weather and hazardous areas.

Important Features

- ◆Capacities: 250lb to 20Klb and 0.5t to 10t.
- ◆High accuracy.
- ◆Stainless steel construction.
- ◆Low profile and nice exterior.
- With OIML approval (PTB: D09-05.19)



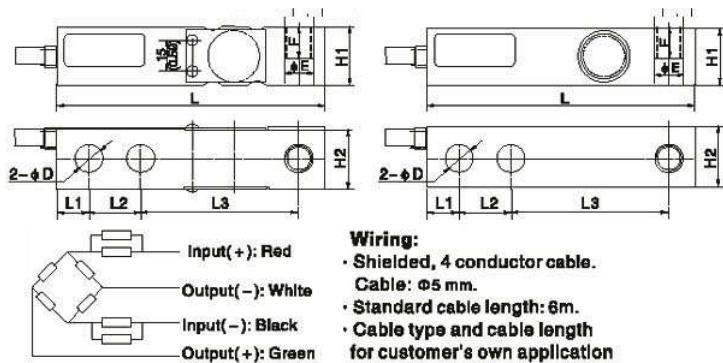
Accessories

- ◆BJ-8-202 ◆BJ-8-205 ◆BJ-8-209
- ◆BJ-8-211 ◆BJ-8-212 ◆BJ-8-219
- ◆BJ-8-220 ◆BJ-8-221 ◆BY-8-104
- ◆BM-8-104

Specifications

Capacity	t lb	0.1/0.15/0.2/0.25/0.3/0.4/0.5/0.75/1/1.5/2/3/5/7.5/10			
		250/500/750/1K/1.5K/2K/2.5K/2.5KLE/3K/4K/5K/5KSE/7.5K/10K/15K/20K			
Accuracy class		C2	C3	A5M	B10M
Approval		OIML R60 C3			
Maximum number of verification intervals	n max	2000	3000	5000	10000
Minimum load cell verification interval	v min	E max / 5000	E max / 7500	E max / 15000	E max / 10000
Combined error	(%FS)	≤ ± 0.030	≤ ± 0.020	≤ ± 0.026	≤ ± 0.050
Creep	(%FS/30min)	≤ ± 0.023	≤ ± 0.016	≤ ± 0.017	≤ ± 0.040
Temperature effect on sensitivity	(%FS/10°C)	≤ ± 0.017	≤ ± 0.011	≤ ± 0.013	≤ ± 0.040
Temperature effect on zero	(%FS/10°C)	≤ ± 0.029	≤ ± 0.019	≤ ± 0.014	≤ ± 0.020
Output sensitivity	(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)	1.5			
Temperature, compensated	(°C)	-10 ~ +40			
Temperature, allowed	(°C)	-35 ~ +65			
Excitation, Recommended	(V)	5 ~ 12 (DC)			
Excitation, Max	(V)	18 (DC)			
Safe overload	(%FS)	120			
Ultimate overload	(%FS)	150			

Outline Dimension mm (inch)



Capacity	L	L1	L2	L3	D	H1	H2	E	F	M
0.1, 0.15, 0.2, 0.25, 0.3, 0.4, 0.5t 250lb, 500lb, 750lb, 1Klb	130 (5.12)	15.7 (0.62)	25.4 (1.0)	76.2 (3.0)	13.2 (0.52)	30.2 (1.19)	30.2 (1.19)	13.4 (0.53)	16 (0.63)	M12-6H 1/2-20UNF-2B
0.75, 1, 1.5, 2t 1.5K, 2K, 2.5K, 3K, 4K, 5KSE	130 (5.12)	15.7 (0.62)	25.4 (1.0)	76.2 (3.0)	13.4 (0.53)	30.2 (1.19)	30.2 (1.19)	13.4 (0.53)	16 (0.63)	M12-6H 1/2-20UNF-2B
3.5, 7.5t 2.5K, 5K, 7.5K, 10K, 15K	171 (6.73)	19 (0.75)	38.1 (1.5)	95.2 (3.75)	20.6 (0.81)	36.8 (1.45)	36.8 (1.45)	20.6 (0.81)	20 (0.79)	M20X2.5-6H 3/4-15UNF-2B
10t 20K	171 (6.73)	25.4 (1.0)	50.8 (2.0)	120.7 (4.75)	26.9 (1.06)	49.5 (1.95)	49.5 (1.95)	26.9 (1.06)	26 (1.02)	M24X2-6H 1-12UNF-2B