

# B8D



- Stainless steel IP67 shear beam load cell
- Suitable for floor scales, automobile test facilities, hopper scales, and other weighing devices
- Current calibrated (sc-option)

### Features

- Capacities 0.25Klb-20Klb
- High Accuracy
- Stainless steel construction
- Low profile
- NTEP Cert. No.: CC12-022



OIML test certificate no. TC8010 Revision 0 and D09-05.19  
C of C no R60/2000-NL1-11.28 and R60/2000-CN1-06.05

NTEP Certificate no. 12-022

Specifications			
Capacity	Klb	0.25/0.5/0.75/1/1.5/2/2.5/3/4/5/5KSE/7.5/10/15/20	
	t	0.5/1/2/5	
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)	3.0±0.008	
Input Resistance	(Ω)	350 ±3.5	
Output Resistance	(Ω)	350 ±3.5	
Insulation Resistance	(MΩ)	≥5000 (50VDC)	
Zero Balance	(%FS)	1.0	
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	

Cross Reference	
Manufacturer	Model
Revere	M9123
Tedea	3410
Celtron	SQB
Sensortronic	65023

### Dimensions in mm (in)

Dimension	L	L1	L2	L3	d	H	W	D	H1	M
Capacity										
0.25Klb, 0.5Klb, 0.75Klb, 1Klb	130 (5.12)	15.7 (0.62)	25.4 (1.0)	76.2 (3.0)	13.46 (0.52)	30.2 (1.19)	30.7 (1.20)	13.4 (0.53)	16 (0.63)	M12-6H 1/2-20UNF-2B
0.5t, 1t, 2t, 2.5Klb, 3Klb, 4Klb, 5KSE	130 (5.12)	15.7 (0.62)	25.4 (1.0)	76.2 (3.0)	13.4 (0.53)	31.32 (1.23)	31.32 (1.23)	13.4 (0.53)	15.75 (0.62)	M12-6H 1/2-20UNF-2B
3t, 5t, 5Klb, 7.5Klb, 10Klb, 15Klb	171 (6.73)	19 (0.75)	38.1 (1.5)	95.2 (3.75)	20.65 (0.81)	36.8 (1.45)	36.8 (1.45)	20.65 (0.81)	17.78 (0.7)	M20x25-6H 3/4-16UNF-2B
20Klb	222.25 (8.75)	25.4 (1.0)	50.8 (2.0)	120.7 (4.75)	26.9 (1.06)	49.5 (1.95)	49.5 (1.95)	27.56 (1.08)	24.78 (0.97)	M24x2-6H 1-12UNF-2B

### Wiring

- Shielded, 4 conductor cable
- Cable diameter: 0.2in
- Standard cable length: 20ft
- Shield not connected to the element