

MODEL: BM8D



- ◆BM8D load cells are available in the capacities 1Kib to 20Kib and 0.5t to 10t.
- ◆They offer total stainless steel construction,cover board hermetic sealing,oil-proof,waterproof and anti-corrosion making them suitable for use in all kinds of environments.
- ◆Single shear beam,easy installation and they are suitable for platform scale,struck scale and other electronic weighing devices.
- ◆It is safety and anti-explosion product that can be used in atrocious weather and hazardous areas.

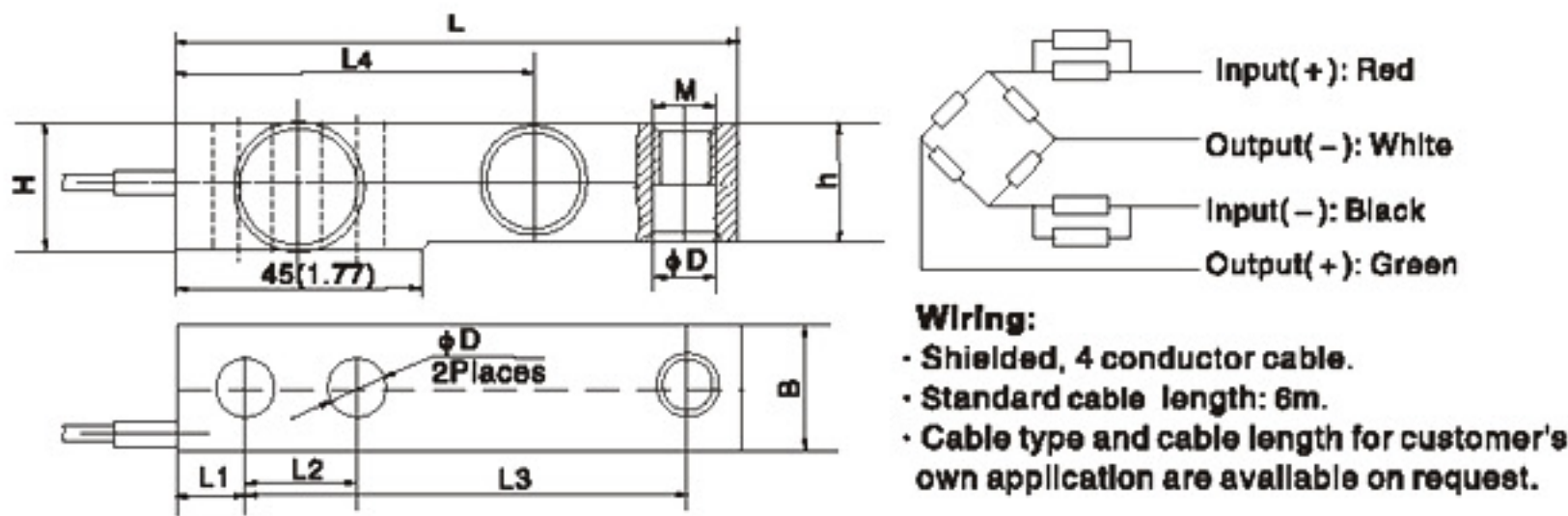
Important Features

- ◆ Capacities: 1Klb to 20Klb and 0.5t to 10t.
- ◆ High accuracy.
- ◆ Stainless steel construction.
- ◆ Low profile and nice exterior.

Specifications

Capacity	t	0.5/1/1.5/2/2.5/3/5/7.5/10			
	Klb	1/1.5/2/2.5/2.5KLE/5K/5KSE/7.5/10/15/20			
Accuracy class		C2	C3	A5M	B10M
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℃)	≤± 0.017	≤± 0.011	≤± 0.013	≤± 0.040
Temperature effect on zero	(%FS/10℃)	≤± 0.029	≤± 0.019	≤± 0.014	≤± 0.020
Output sensitivity	(mV/V)	3.0±0.008			
Input resistance	(Ω)	350±3.5			
Output resistance	(Ω)	351±2			
Insulation resistance	(MΩ)	≥ 5000(50VDC)			
Zero balance	(%FS)	1.0			
Temperature, compensated	(℃)	-10~+40			
Temperature, allowed	(℃)	-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)

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