

LOAD CELL BM11



- BM11 load cells are available in the capacities 20kg to 500kg.
- They offer total stainless steel construction, bellow hermetic sealing, oil proof, waterproof and anti-corrosion making them suitable for use in all kinds of environments.
- Single point with bellow, easy installation, flexible application and they are suitable for belt scale, hopper scale and other electronic weighing devices.
- It is safety and anti-explosion product that can be used in atrocious weather and hazardous areas .

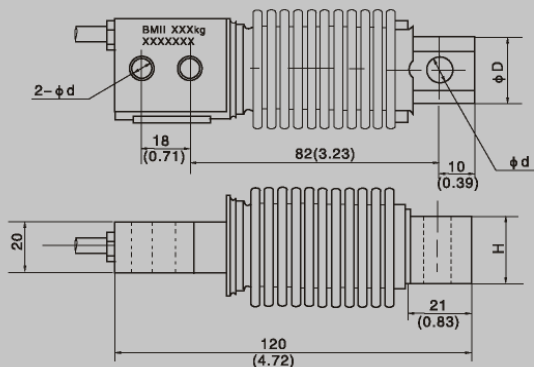
Important Features:

- Capacities: 20kg-500kg.
- High accuracy.
- Stainless steel construction.
- Low profile and nice exterior.
- With OIML approval: (PTB: D09-06.44).

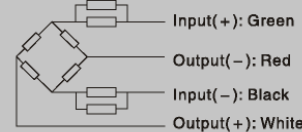
Specifications

Capacity	Kg	20/30/50/100/200/350/500				
		C2	C3	C4	A5M	B10M
Accuracy class			OIML R60 C3		Ⅲ 5000 单只	Ⅲ L10000 多只
Approvals						
Maximum number of verification intervals	Πmax	2000	3000	4000	5000	10000
Minimum load cell verification interval	Vmin	Emax/5000	Emax/7500	Emax/14000	Emax/15000	Emax/10000
Combined error	(%FS)	≤ ± 0.030	≤ ± 0.020	≤ ± 0.018	≤ ± 0.026	≤ ± 0.050
Creep	(%FS/30min)	≤ ± 0.023	≤ ± 0.016	≤ ± 0.012	≤ ± 0.017	≤ ± 0.040
Temperature effect on sensitivity	(%FS/10°C)	≤ ± 0.017	≤ ± 0.011	≤ ± 0.009	≤ ± 0.013	≤ ± 0.040
Temperature effect on zero	(%FS/10°C)	≤ ± 0.029	≤ ± 0.019	≤ ± 0.010	≤ ± 0.014	≤ ± 0.020
Output sensitivity	(mv/v)	2.0 ± 0.02				
Input resistance	(Ω)	430 ± 50				
Output resistance	(Ω)	351 ± 2				
Insulation resistance	(MΩ)	≥ 5000(50VDC)				
Zero balance	(%FS)	1.0				
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	20,30,50, 100,200	350, 500
d	8.2 (0.32)	10.3 (0.41)
D	23 (0.91)	24 (0.94)
H	20 (0.79)	19 (0.75)



Wiring:

- Shielded, 6 conductor cable: φ 5mm.
- Standard cable length: 3m.
- Cable type and cable length for customer's own application are available on request.