

BCM



Single Point Load Cell

- Available in 50 kgf (100 lb) up to 500 kgf (1000 lb) capacity
- Aluminum alloy construction
- Compatible with other sources
- NTEP / OIML approved



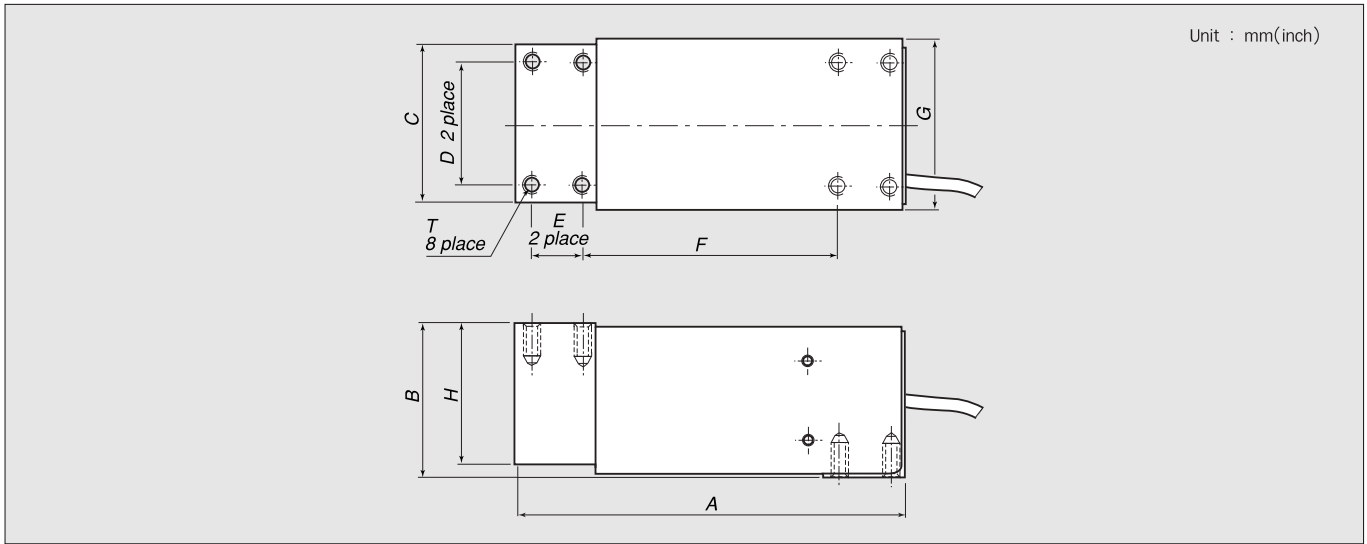
APPLICATION

- Bench scales
- Platform scales
- Check weighing system

CAS

BCM Single Point Load Cell

DIMENSIONS



CAPACITY	A	B	C	D	E	F	G	H	T
50 kgf - 500 kgf	191 (7.52)	75.4 (2.97)	76.2 (3.0)	59.9 (2.358)	24.9 (0.980)	125 (4.921)	81.4 (3.2)	67.8 (2.67)	M8 × 1.25 DP16

SPECIFICATIONS

Rated Load (R.L.)	50 kgf, 75 kgf, 100 kgf, 150 kgf, 200 kgf, 300 kgf, 500 kgf	
Rated Output (R.O.)	2 mV/V ± 10 %	
Accuracy Class	D 3	C 3, A 5
Combined Error	< 0.03 % R.O.	< 0.02 % R.O.
Repeatability	< 0.01 % R.O.	< 0.01 % R.O.
Creep (for 30 min) / -10 °C to +40 °C	< 0.03 % R.O.	< 0.017 % R.O.
Temperature Effect on Zero Value / 10 °C	< 0.028 % R.O.	< 0.014 % R.O.
Temperature Effect on Output Value / 10 °C	< 0.014 % R.O.	< 0.011 % R.O.
Recommended Excitation	DC 10 V	
Maximum Excitation	DC 15 V	
Zero Balance	± 5 % R.O.	
Input Resistance	400 ± 20 Ω	
Output Resistance	350 ± 3.5 Ω	
Insulation Resistance	> 2000 MΩ	
Cable	10 ft / 3 m, 4 or 6 conductor with shield	
Compensated Temperature Range	- 10 °C to +40 °C	
Operating Temperature Range	- 20 °C to +70 °C	
Safe Overload	150 % Rated Load	
Protection Class	IP 63	

ORDERING INFORMATION

CAPACITY	MODEL NO.
50 kgf	BCM - 50 L
75 kgf	BCM - 75 L
100 kgf	BCM - 100 L
150 kgf	BCM - 150 L
200 kgf	BCM - 200 L
300 kgf	BCM - 300 L
500 kgf	BCM - 500 L

CABLE COLOR CODE

Red	+ Excitation
White	- Excitation
Green	+ Signal
Blue	- Signal
Clear	Shield
Black	+ Remote sense
Brown	- Remote sense

CAS

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Specifications are subject to change for improvement without prior notice.