

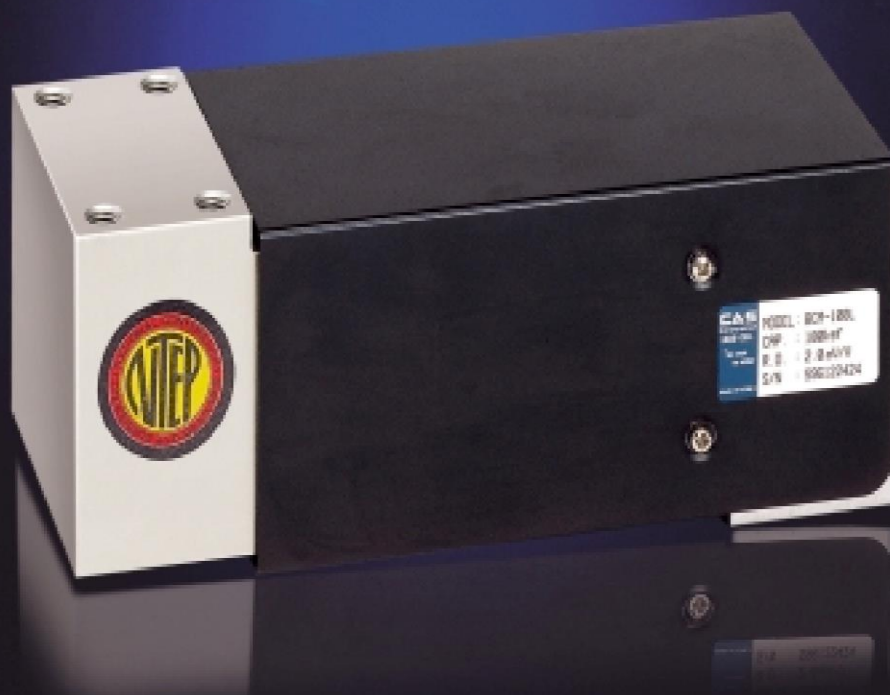
# BCM



NTEP APPROVED

## Single Point Load Cell

- Available in 50 kgf (100 lb) up to 500 kgf (1000 lb) versions
- Aluminum alloy construction
- Compatible with other sources

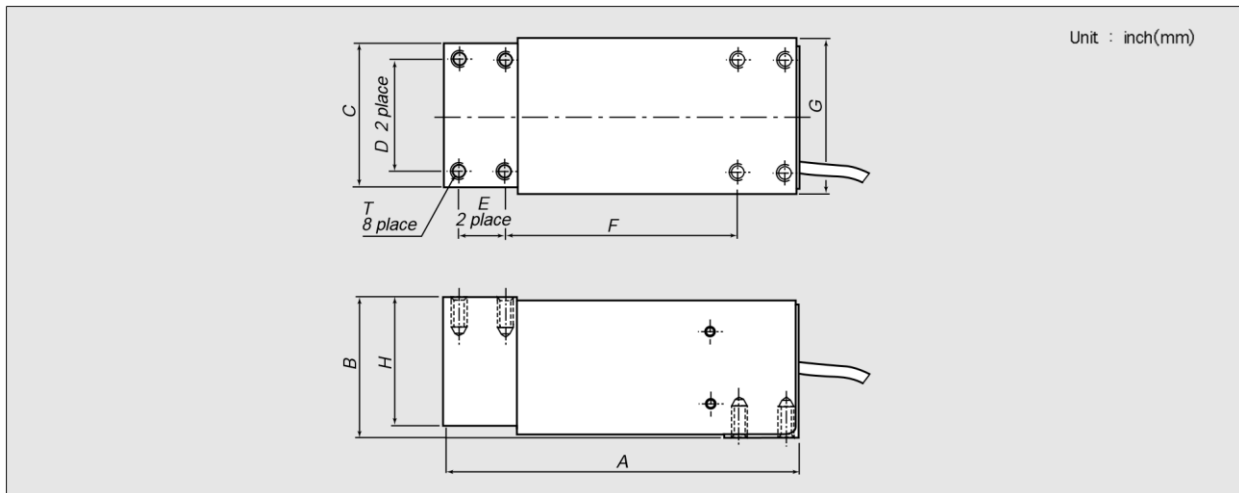


### *APPLICATION*

- Bench scales
- Platform scales
- Check weighing system

# BCM Single Point Load Cell

## DIMENSIONS



CAPACITY	A	B	C	D	E	F	G	H	T
50 kgf - 500 kgf	7.52 (191)	2.97 (75.4)	3.0 (76.2)	2.358 (59.9)	0.980 (24.9)	4.921 (125)	3.2 (81.4)	2.67 (67.8)	5/16 - 18DNC

## 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 $\pm$ 10 %
Accuracy Class	III
Combined Error	< 0.02% R.O.
Repeatability	< 0.01% R.O.
Creep(for 30min) / -10 C to +40 C	< 0.017% R.O.
Temperature Effect on Zero Value / 10 C	< 0.014% R.O.
Temperature Effect on Output Value / 10 C	< 0.011% R.O.
Recommended Excitation	DC 10 V
Maximum Excitation	DC 15 V
Zero Balance	$\pm$ 5% R.O.
Input Resistance	400 $\pm$ 20 $\Omega$
Output Resistance	350 3.5
Insulation Resistance	2000 M
Cable	10 ft / 3 m 4 or 6 conductor with shield
Compensated Temperature Range	10 C to +40 C
Safe Operating Range	20 C to +70 C
Safe Overload	150% Rated Capacity
Protection Class	IP 65

## ORDERING INFORMATION

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

## CABLE COLOR CODE

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



## CAS USA Corporation

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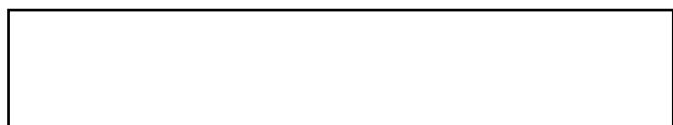
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Specifications are subject to change for improvement without prior notice.

2001. 7

# **C A M B R I D G E**

## **CAS** **LOAD CELLS**

<b><u>MODEL</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>CAPACITY</u></b>	<b><u>LIST</u></b>
<b>BCM</b>	<b>LARGE ENVELOPE BRICK LOAD CELL</b>	<b>50 KG</b>	<b>\$ 300.</b>
		<b>75 KG</b>	<b>\$ 300.</b>
		<b>100 KG</b>	<b>\$ 300.</b>
		<b>150 KG</b>	<b>\$ 300.</b>
		<b>200 KG</b>	<b>\$ 300.</b>
		<b>300 KG</b>	<b>\$ 300.</b>
		<b>500 KG</b>	<b>\$ 300.</b>

### **INTERCHANGE WITH:**

**TEDEA HUNTLEIGH MODEL: 1250**  
**REVERE TRANSDUCERS MODEL: 652**  
**CELTRON TECHNOLOGY MODEL: LOC (LE)**  
**SENSORTRONICS MODEL: 60060**  
**CN CELLS MODEL: PA6341**  
**ZEMIC MODEL: L6T**

**F.O.B.: HONEY BROOK, PA**

**PRICES EFFECTIVE: 01/01/18**

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**