

# Load Cell Central

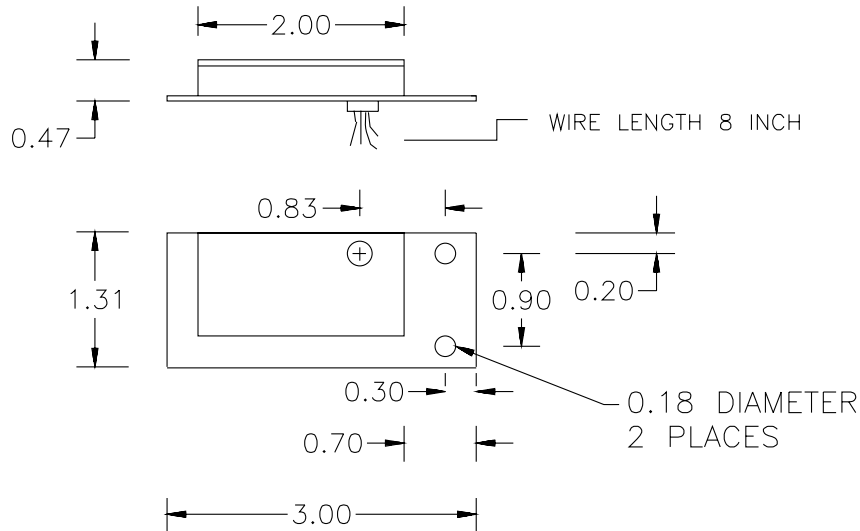
1-800-LOADCEL

## Model: OM-5 Fixed Gain Bridge Amplifier and Bridge Supply

Selection Chart	
Model	Gain
OM-5-0002	2
OM-5-0050	50
OM-5-0334	334
OM-5-0502	502
OM-5-1000	1000
OM-5-1500	1500
OM-5-2000	2000
OM-5-2459	2459
OM-5-2965	2965



Amplifier		Total RMS Gain	0.007% / °C
Fixed Gain	see table ±1.4%	Temperature Coefficient	
Temperature Coefficient	0.005% / °C	Power Requirements	
Linearity: 0 to 10V Out	±0.01%	Voltage	18 to 26 Volts
Input Offset Voltage	±70 µV	Current (1 - 350 Ohm Bridge)	35 mA
Temperature Coefficient	0.7 µV / °C	Connections	
Common Mode Voltage	0 to +5 Volts	+24 V	Blue
Common Mode Rejection - DC	100 dB	COM	Black (either)
Input Noise	0.3 µV pp Typ	Signal Out	Brown
0.1 Hz to 10 Hz		Bridge	
Output		+ Excitation	Green
Output Range	-3 V to +15 V	- Excitation	Black (either)
Load Current	5 mA Max	+ Out	Red
Frequency Response	DC to 10 Hz	- Out	White
2 Pole Filter		Size	
Bridge Supply		Board Size	1.00" x 2.00"
Fixed	+10 V ±1.5%		
Temperature Coefficient	0.005% / °C		
Load Current	30 mA Max		



CASE MATERIAL: 0.015 STEEL/TIN PLATED  
ALL DIMENSIONS IN INCHES

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