

MODEL 460 BRIDGESENSOR

2 kHz Frequency Response
Rugged, Compact and Fully Encapsulated
Complete System--Just Add A/C Power
Ready to Use with Screwdriver Wiring
Stable and Accurate

Applications:
Weighing with Load Cells
Long Term Structural Monitoring
Process Control Pressure Transducers
Strain Measurements

SPECIFICATIONS

Performance

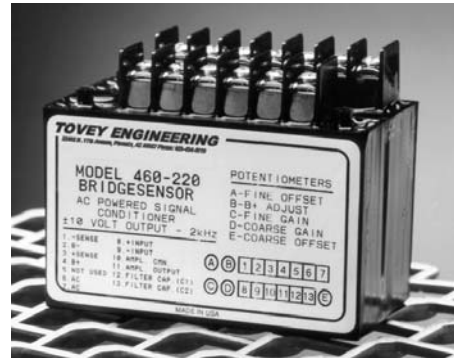
Gain Range	40 - 250
Gain Temp. Coeff.	200 ppm/°C
Drift	3 μ V/°C
Output Noise	2 mV P-P @ gain = 100 1 Hz to 2 Hz
Dynamic Response	2 kHz

Input/Output

Input	115 VAC +/- 10% 50 to 60 Hz 100, 220, and 230 VAC available
Input Range	+/- 2.0 mV/V to +/- 6.0 mV/V
Output, Current	120 mA
Output, Voltage	4 to 15V

Size

Length	3.75" (95mm)
Width	2.00" (51mm)



The Model 460 BridgeSensor is a self contained, AC powered, signal conditioning module for bridge type instrumentation. It contains a precision differential instrumentation amplifier with filtered output and a highly regulated, low noise, adjustable output bridge excitation source. The unit is completely encapsulated for use in rugged environments. The output filter cutoff frequency is 2000Hz and may be lowered by two external capacitors.