

MODEL 465 BRIDGESENSOR

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
Low Frequency Strain Measurements

SPECIFICATIONS

Performance

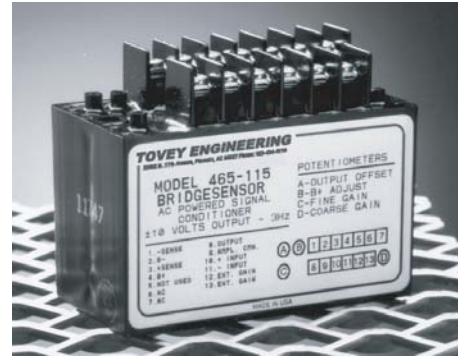
Gain Range	40 - 250, to 1,000 with external R
Gain Temp. Coeff.	200 ppm/°C
Drift	2 +/-20/G μ V/°C
Output Noise	120 μ V RMS @ gain = 100 1 Hz to 2 Hz
Dynamic Response	.3s to .1%

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	5-150 mA
Output, Voltage	4-15V

Size

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



The Model 465 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.