TRANSDUCER SIMULATOR

FEATURES

- High Accuracy Calibration Standard
- Output stability of less than 15ppm over 1 year
- Low Temperature Coefficient
- Available in multiple configurations

Description:

Our Transducer Simulator reference standards provide metrology grade bridge simulation. The bridge simulator provides calibrated inputs to a load cell indicator to verify and calibrate the instrument.

SPECIFICATIONS

Model	TS-10-2	TS-2-2	TS-2-3	TS-2-4
PARAMETERS				
PERFORMANCE				
Output Settings, +/- mV/V	0.0, 0.1, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5	0.0, 2.0	0.0, 3.0	0.0, 4.0
Excitation Voltage	10 VDC, Recommended			
I/O Resistance Ohms	350 +/-0.005% at Zero Settings			
	>348 at All Output Settings			
Output at Zero Setting	<0.5 µV			
Error in Nominal Output Values	<0.03% at 0.1 mV/V <0.015% at 0.5 - 4.5 mV/V	<0.015% at 2.0 mV/V	<0.015% at 3.0 mV/V	<0.015% at 4.0 mV/V
Error in Calibrated Value of Output Settings	<15 ppm / year typical			
Temperature Coefficient of Output	<5 ppm / degree C			
Measurement Uncertainty of Charted Values	0.00063%			
Dimensions				
Length, Enclosure, inches	7.4	4.6	4.6	4.6
Length, Overall, inches	7.6	5.6	5.6	5.6
Width, Enclosure, inches	3.3	2.3	2.3	2.3
Width, Overall, inches	4.2	3.1	3.1	3.1
Height, Enclosure, inches	4.8	3.6	3.6	3.6
Height, Overall, inches	4.8	5.3	5.3	5.3

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