

VPC-999084

TRANSDUCER SIMULATOR



Description

Model VPC-999084 simplifies the on-line troubleshooting of Dynisco strain gage transducers, signal conditioners, and indicators. Its output can be varied in 20% steps or via a variable trim pot.

Features

- Selectable transducer output sensitivity
- Standard 6 pin Bendix connector
- 5 step linear output 0 – 100%
- Identifies faulty components in a measurement loop
- Simulates a variety of transducers
- Substitutes for most pressure transducers
- Checks indicator linearity
- Diagnostic tool

Performance Characteristics	
Accuracy:	$\pm 0.25\%$ each full scale range
Bridge resistance:	Input: 350 Ohms $\pm 2.0\%$ ($\pm 5\%$ in variable position)
Full scale output:	Rotary switch selected full scale ranges of: 0.0 mV/V $\pm 0.25\%$ 1.5 mV/V $\pm 0.25\%$; 2.0 mV/V $\pm 0.25\%$ 2.5 mV/V $\pm 0.25\%$; 3.0 mV/V $\pm 0.25\%$ 3.33 mV/V $\pm 0.25\%$; 0 to 3.0 mV/V $\pm 5.0\%$ (variable trim pot)
Configuration:	350 Ohms Wheatstone bridge strain gage
Zero balance:	$\pm 0.25\%$ of full scale
Excitation:	15 Vdc, maximum
Electrical connector:	Bendix PT02A – 10 – 6P substitutes for PT46X, MDA46X and DYN-X Series Excitation + Pin C; Signal + Pin A; Excitation – Pin D; Signal – Pin B
Weight:	1 lb.
Note:	Each output range has calibrated steps of 20%, 40%, 60%, 80% and 100% of selected mV/V range. A variable position permits continuous adjustment from 0% to 100% of 3 mV/V $\pm 5.0\%$

To Order

Specify PN VPC-999084. Optional 1ft Adapter Cable to simulate 8 pin PT420/MDT420 series transducer connector also available, PN 800860

Delivery

Please call for specific delivery information.