

# VPC-999084

## Transducer Simulator



## Features

- Selectable transducer output sensitivity
- Standard 6 pin Bendix connector
- 5 step linear output 0 – 100%
- Identifies faulty components in a measurement loop

## Benefits

- Simulates a variety of transducers
- Substitutes for most pressure transducers
- Checks indicator linearity
- Diagnostic tool

## 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.

## Specifications

### PERFORMANCE CHARACTERISTICS

<b>Accuracy:</b>	$\pm 0.25\%$ each full scale range
<b>Bridge resistance:</b>	Input: 350 Ohms $\pm 2.0\%$ ( $\pm 5\%$ in variable position)
<b>Full scale output:</b>	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)
<b>Configuration:</b>	350 Ohms Wheatstone bridge strain gage
<b>Zero balance:</b>	$\pm 0.25\%$ of full scale
<b>Excitation:</b>	15 Vdc, maximum

<b>Electrical connector:</b>	Bendix PT02A – 10 – 6P substitutes for PT46X, MDA46X and DYN-X Series Excitation + Pin C; Signal + Pin A; Excitation – Pin D; Signal – Pin B
<b>Weight:</b>	1 lb.
<b>Note:</b>	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 $\pm 5.0\%$

## Ordering Guide

<b>To Order:</b>	Specify PN VPC-999084. Optional 1ft Adapter Cable to simulate 8 pin PT420/MDT420 series transducer connector also available, PN 800860
<b>Delivery:</b>	Please call for specific delivery information.