

# Transducer Simulator 3



## STANDARD FEATURES

- Designed for use in testing, troubleshooting and calibrating digital weight indicators and systems
- Perfect for “bench testing” setpoint systems
- Economical and easy to operate
- Vernier range – 106% of selected step
- 3ft (0.9m) test cable assembly included

## PART # DESCRIPTION

- 21115..... Transducer Simulator 3
- 21116..... Optional Cable Assembly

## SPECIFICATIONS

### VARIABLE RANGE:

0 - 3mV/V in six 0.5mV/V steps

### IMPEDANCE:

350 ohms  $\pm$  0.05%

### NONLINEARITY:

Less than .05%

### TEMPERATURE COEFFICIENT:

$\pm$ 5 ppm/ °C

### DIMENSIONS:

6.25in W x 3.75in H x 2.00in D  
(158.8mm W x 95.2mm H x 50.8mm D)

# Transducer Simulator 4



## STANDARD FEATURES

- Designed for high accuracy
- Sealed lid with neoprene O-ring. If secured properly, the Transducer Simulator 4 is completely waterproof
- Dustproof and crush tested to 500lb
- Four operational modes including vernier adjustment, calibrated adjustment, 0.25mV offset and 0.50mV offset
- Ideal for setpoint or batching simulation

## PART # DESCRIPTION

- 22513..... Transducer Simulator 4

## SPECIFICATIONS

### MAXIMUM VOLTAGE:

15 volts

### BRIDGE TYPE:

175 ohm star

### LINEARITY:

Less than  $\pm$ .02% full scale

### TEMPERATURE COEFFICIENT:

Absolute 5 ppm/ °C; Tracking less than 0.5 ppm/°C

### VARIABLE RANGES:

Choose any fixed setting  $\pm$ 0.25mV or 0.50mV through a 10-turn wire-wound potentiometer with locking clutch

### LOAD FACTORS:

Simulates 1, 2, 3, 4 or 8 350-ohm load cells or 2, 4, 6, 8 or 16 700-ohm load cells

### CALIBRATED OFFSET:

+0.25mV/V for use with digitally calibrated meters requiring positive dead load for calibration

### CONNECTORS:

Six-way binding posts, suitable for loose wires or banana jacks