

## DIGITAL PRESSURE INDICATOR

- Converts Pressure Input to LCD Digital Readout
- High Accuracy in Lightweight, Portable Package
- State of the Art Semi-Conductor

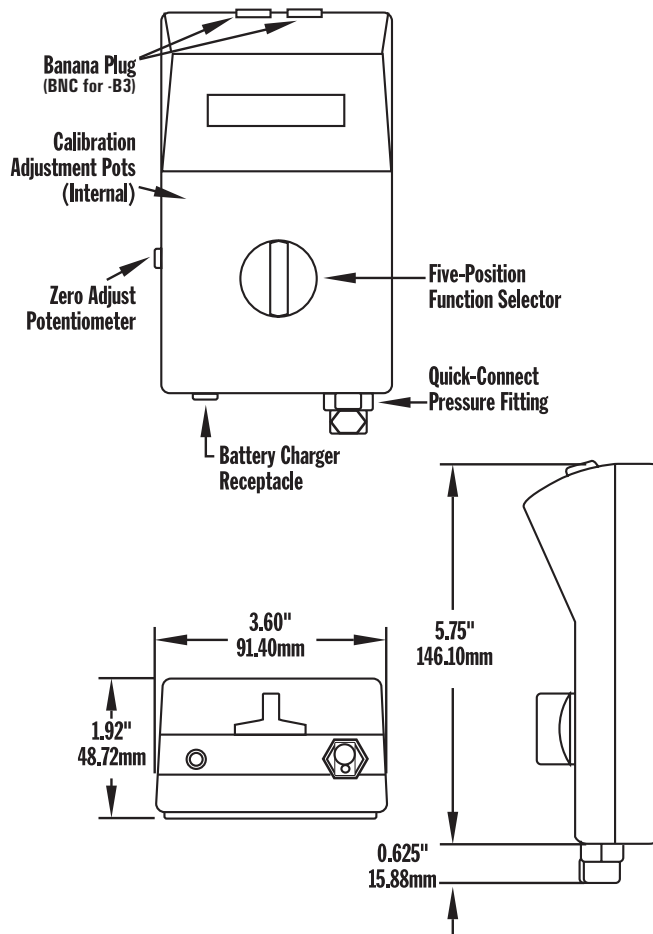
The Marsh Instruments Digital Pressure Indicator is portable, lightweight, hand-held testing and calibrating instrument indicates pressure to 50 psig at accuracy levels of  $\pm 0.50\%$  of reading  $\pm 1$  count. A state-of-the-art semiconductor-type pressure transducer converts pressure input to analog voltage, which is displayed on a  $3\frac{1}{2}$  digit LCD readout. Internal 9-volt rechargeable battery powers the indicator, and a zero adjust potentiometer standardizes the transducer bridge at zero pressure for higher accuracy.

Marsh Instruments Handheld Digital Pressure Indicator and Calibrator is ideal for calibrating DP cells, I/P's and P/I's. The indicator tests installed instruments and transmitters, verifies operation and settings of valves and switches, detects system leaks, and is used for other testing or maintenance applications.



DIGITAL PRESSURE INDICATOR	
RANGE	PART NUMBER
-14.7 to 50p	4-DPP-20050-BBC
-14.7 to 60p	4-DP-20060-B3
-14.7 to 200p	4-DPP-20200-BBC

NOTE: Connection:  $\frac{1}{16}$ " quick connect tube fitting  
Elec. Range: 0-200 MA



## SPECIFICATIONS

### PNEUMATIC RANGE

Range: -14.7 to 200 psig; with corresponding inches of water column and inches of mercury

### WETTED MATERIAL

Brass fitting, silicone wafer diaphragm, suitable for instrument air (clean & dry) or any clean, non-conductive fluid

### PRESSURE FITTING

$\frac{1}{16}$ " quick-connect tube fitting standard, with mating nickel-plated brass locking quick-connector. 8" plastic hose with ferruleless  $\frac{1}{4}$ " OD has to coupling insert with shutoff valve

### DISPLAY

$3\frac{1}{2}$ " digit LCD,  $\frac{1}{2}$ " high black numerals on light background, with polarity and low battery indicators

### ACCURACY

$\pm 0.5\%$  of reading  $\pm 1$  count, must be zeroed at barometric pressure

### TEMPERATURE

Calibration range: 50°-90°F. Operating range: 30°-130°F. Effect of temperature outside calibration range is  $\pm 0.01\%$  per degree F

### POWER

Internal: 9-volt transistor battery, Ni-Cad chargeable. External: 12-volt adapter will power unit or charge battery in approx. 14 hours. Approximate operation is 8-10 hours per charge

### CASE SIZE

3.60" wide x  $5\frac{3}{4}$ " long x 1.92" high, ABS plastic

### INCLUDES

Carrying case, battery charger, 8" plastic hose, quick-connect fitting, and technical manual

ALL DIMENSIONS ARE NOMINAL