



## **APPLICATION**

The HDI 2522 Position Indicator System is a 4" solid-state electronic position indicator used to monitor the position in 1% increments from 0% to 100%. The HDI 2522 can adapt to a variety of chokes in the oil and gas industry using a linear potentiometer, rotary potentiometer, or retractable potentiometer. The HDI 2522 eliminates the need for air lines to the position indicator. All HDI Gauges provide safety, accuracy, reliability,

#### **FEATURES**

Battery powered

- · Field repairable system
- · Low battery indicator
- · Interfaces with linear, rotary, or retractable potentiometers
- · Replaces pneumatically controlled units
- · Dual sensors available for HMI/PLC integration
- · Solid state display
- Analog bar graph w/ divided scale
  Simple interface for calibration

#### **OPTIONS**

4-20mA output

0-1V output

## **CERTIFICATIONS**



21CA80079222X CL I, DIV 1, GRP A, B, C, D T4, Ex ia Ex ia IIC T4 Ga  $-40^{\circ}$  C  $\leq$  T amb  $\leq$   $+60^{\circ}$  C



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# **2522 POSITION INDICATOR SYSTEM DATA SHEET**

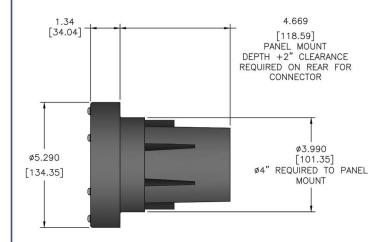
## **SPECIFICATIONS**

- · Weight: 2 lbs. (as shown gauge display only)
- · Case Material: Polycarbonate/PBT Alloy, Impact modified, UV stabilized
- · Resolution: 1% increments
- Power: HDI E610 Battery Pack, 1 year life span
- Gauge Head Operating Temperature: -40°F to 176°F (-40°C to 80°C)
- Display: 3-digit digital display, 0-100% and 1/8" scale, linear analog bar graph, low battery indicator
- · Viewing Distance: 15 feet
- Electronics Protection: Gasket seal
- Potentiometer: accepts linear, rotary, retractable, and a wide range of 2k-25k ohm potentiometers
- · Maximum Inline Cable Length (distance from gauge head to point of measurement): 1,500 feet

## **DIMENSIONS**

All dimensions given are in inches and [millimeters] unless otherwise noted.







Specifications subject to change without notice.

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