



## 2522 POSITION INDICATOR SYSTEM DATA SHEET



### 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



C US

21CA80079222X

CL I, DIV 1, GRP A, B, C, D T4, Ex ia

Ex ia IIC T4 Ga

-40° C ≤ T amb ≤ +60° C



2460



8501

II 1 G Ex ia IIC T4 Ga, CL I, ZONE 0, AEx ia IIC T4 Ga

-40° C ≤ T amb ≤ +60° C

PRESAFE 19 ATEX 05470X

IECEX PRE 19.0059X

DNV 22 UKEX 90932X



**SAFETY**  
**PRECISION**  
**INNOVATION**

WELL CONTROL MONITORING AT ITS FINEST

## 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.

