

## Short information:

### Process Calibrator PIECAL 820

Manufacturer: PIECAL

#### Lighten up your toolbox

- Compact calibrator replaces toolbox of single function devices
- Milliamp • Voltage • Frequency • Thermocouples • RTDs • Check Continuity

#### Technician friendly operation

- Intuitive EZ-DIAL Double Click Menu makes it easier to setup than other multifunction calibrators.
- Uses the same menus as the single function PIECAL Evolution Calibrators. Icons on the display indicate where to plug in the test leads.

#### Use it as a milliamp and voltage calibrator

- Source 0.00 to 24.000 mA, 0.00 to 10.25 V dc and 0.00 to 80.00 mV
- Read to 24.00 mA, 00.00 to 10.25 V, 0.0 to 60.0 V and 0.00 to 80.00 mV
- Simulate 2-Wire Transmitters
- Power up transmitters & loops with the built-in 24 V power supply
- Simplify HART hookups with built-in 250 Ohm resistor

#### Troubleshoot loop problems

- Quickly diagnose ground fault and current leakage with patented loop diagnostic technology (US Patent 7,248,058)

#### Calibrate directly in temperature (°C & °F)

- The PIECAL 820 works with the instruments you use. Types: J, K, T, E, R, S, B, N, G, C, D, L (J DIN), U (T DIN) and P (Platinel II), Pt 100 Ohm (3850, 3902, 3916, 3926) & 1000 Ohm (3850), Copper 10 & 50 Ohm, Nickel 100 and 120 Ohm

#### Checkout flow and vibration systems

- Source & read frequency to 2000 CPM (Counts-Per-Minute), 999.00 Hz, 9999.9 Hz, 9.9999 kHz & to 20.000 kHz

#### Troubleshoot loop & wiring problems

- 'Beep' out connections with the built-in continuity checker

#### Easy to read

- Turn on the backlight & easily see the display in dark areas of the plant

#### Quickly set any three outputs plus automatic stepping & ramping

- Easily set any value quickly with the adjustable "DIAL" plus store any three output settings for instant recall with the EZ-CHECK™ switch. Choose between 2, 3, 5 & 11 steps to automatically increment the output in 100%, 50%, 25% or 10% of span.
- Select RAMP to smoothly increase and decrease the output between Zero and Span.

- Set step/ramp time to match your system from 5, 6, 7, 8, 10, 15, 20, 25, 30 and 60 seconds.

**Measure temperature sensors, frequency pickups, loop currents, voltage levels & pressures**

- Check the values of your process sensors.
- Instantly recall MAX and MIN values to see process variability

**Price on request**

**Article-No.: PIE 820**