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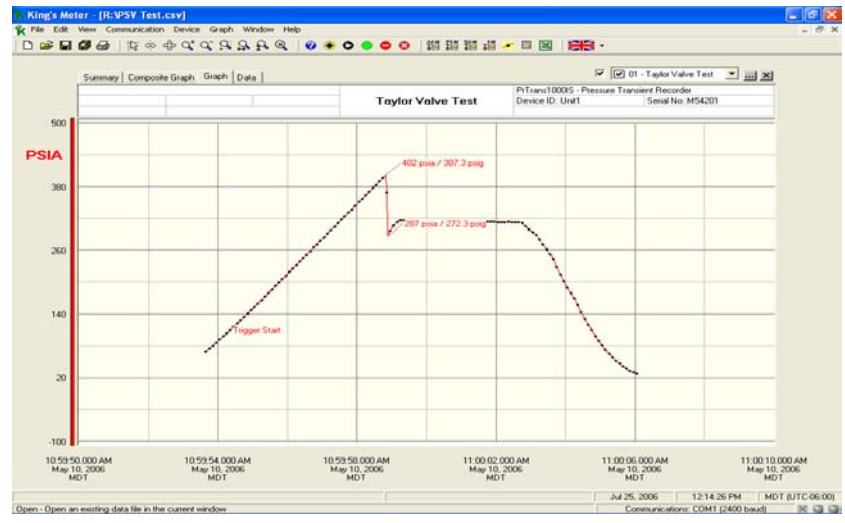
Intrinsically Safe 5000 psia Pressure DataLogger w/Data Graphing

Features

- Intrinsically safe
- Rugged
- Submersible
- 100 Hz operation
- Software selectable trigger modes and threshold levels
- Programmable start time
- Real-time operation
- 1/4" NPT pressure port

Applications

- Oil and gas applications
- Water hammer
- Compressors
- Pumps
- Pneumatics
- Process control systems
- Lubrication systems
- Chemical processing
- Pulp and paper processing
- Waste water treatment
- HVAC



Pressure Sensor: Semiconductor strain gauge
Pressure Range: 0 to 30, 100, 300, 500 PSIA/G;
 0 to 1000, 5000 PSIA
Pressure Resolution: 0.02, 0.1, 0.2, 0.5 PSIA/G; 1.0, 5.0PSIA
Calibrated Accuracy: 2%FSR, .25% @ 25°C typical
Pressure Response Time: 0.1ms (10 to 90%FSR)
Repeatability: ±0.5%FSR; ±0.2% typical
Adaptor: 1/4" male NPT or fully submersible

Trigger Modes: Software programmable window size or bi-level start/stop triggers.
Start Time: Software programmable start time and date, up to seven days in advance

Real Time Recording: May be used with PC to monitor and record data in real time
Memory: Up to 262,143 samples
Number of Events: Up to 255 triggered events
Pre-trigger size: Up to 32 samples

Reading Interval: 1 reading every 10ms to 1 every second
Calibration: Digital calibration through software
Calibration Date: Automatically recorded within device
Power: 3.6V lithium battery included
Battery Life: 3 days continuous @ 10ms sample rate
Shelf Life: Up to 1 year when device is not in use
Data Format: Date and time stamped PSIA(G), inches, feet, mmHg, bar, Torr, kPa,

Computer Interface: PC serial or USB (Interface cable required); 115,200 baud
Software: Windows 95/98/ME/NT/2000/XP based software

Operating Environment: -40 to +80°C, 0 to 100%RH (logger body)
Dimensions: 6.4" x 1.25" dia. (163mm x 32mm dia.)
Weight: 12 oz (340 g)
Material: Stainless Steel
Approvals: FM Certified Intrinsically Safe for Class I, Division 1 groups A, B, C and D, CE