

MODEL 9150 HIGH PRECISION INDICATOR

24-bit Resolution
10-point Linearization
Linearity of 0.005% of Full Scale
Sensitivity of +/-4.5 mV/V
2 Channel Transducer Input
Software Selectable Filters
RS-232 or RS-485 Computer Interface



SPECIFICATIONS

Transducer Interface

Excitation 5VDC or 10 VDC software/auto selectable
Current Drive 180 mA at 5 VDC or 10 VDC
Push Button Shunt Yes
Internal Shunt Rstor 1 standard, 2 optional. Rear panel selectable
Calibration Method Shunt, mV/V, Known Load
Push Button Tare 100% of range--display and analog output
Sensitivity Adjust 1 mV/V to 4.5 mV/V
Accuracy 0.005% of full scale +/- digital count
CMRR 115 dB

Transducer Channels

Number of Channels 1 std, 2 optional

D/A Analog Output

Full Scale Output +/- 10 VDC nominal +/- 0.5 VDC
Linearity 0.02% of full scale
Scaling Gain and offset selected software
Frequency Response Approx. 15 Hz (plus filtering)
Output Source Any displayed quantity

Direct Analog Output

Full Scale Output +/- 8.14 VDC +/- 0.25 VDC
Linearity 0.02% of full scale
Scaling Fixed with no tare, transducer channel only
Frequency Response Approx. 1.5 kHz

Digital I/O

Inputs--Interface 4 optically isolated inputs
Outputs--Quad Limits 4 isolated solid state switches

Serial Interface

RS-232, RS-485 Standard, Optional
Display Values -999,999 through 999,999

Auto Transducer I.D.

Auto I.D. and Setup Standard