

9150 HIGH PRECISION INDICATOR

FEATURES

- 24-bit Resolution
- 10-point Linearization
- Linearity of 0.005% of Full Scale
- Sensitivity of +/-4.5 mV/V
- 2 Channel Transducer Input (Optional)
- Software Selectable Filters
- RS-232, RS-485 or USB Computer Interface
- Stores Calibration Data for up to 25 Load cells



SPECIFICATIONS	
Model	9150-1 Single Channel 9150-2 Dual Channel
PARAMETERS	
PERFORMANCE	
Power Requirements	115 VAC, 60Hz/ 230 VAC, 50Hz
Excitation	5VDC or 10 VDC software/auto selectable
Current Drive	180 mA at 5 VDC or 10 VDC
Push Button Shunt	Yes
Internal Shunt Resistor	1 standard, 2 optional. Rear panel selectable
Display Values	-999,999 through 999,999
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	0.01% of full scale +/- digital count
CMRR	115 dB
TRANSDUCER CHANNELS	
Number of Channels	9150-1 Single, 9150-2 Dual
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
USB	Standard
AUTO TRANSDUCER I.D.	
Auto I.D. and Setup	Standard