



Model 9850 Multi-Channel Indicator

- High speed - 2000 samples/sec/channel
- Torque, speed, HP, load, angle, position display
- Works with torque sensors, load cells, encoders, LVDTs and speed pickups
- 7-pole 200 Hz anti-alias filter plus 4-pole digital filters
- Includes graphical logging software
- RS232, RS422, RS485
- Max/Min capture
- Two-line backlit LCD display
- Math channel for calculated values
- User definable units
- Scalable analog outputs



AVAILABLE CHANNELS

- AC mV/V
- DC mV/V
- ±5 or ±10 VDC
- 4-20 mA current
- Frequency (speed)
- Encoder/totalizer (angle or position)
- LVDT (position)

OPTIONS

- Second transducer channel
- Input type
- DC power
- Panel mount kit

SPECIFICATIONS

TRANSDUCER EXCITATION/SUPPLY

- Channel Type:
- AC mV/V3 Vrms, 3030 Hz ±0.01%
- DC mV/V5 or 10 VDC
- ±5 or ±10 VDC12V, 220mA
- 4-20 mA15V, 30mA
- Frequency/Encoder/Totalizer5V, 250mA and/or 12V, 125mA
- LVDT2V rms, selectable frequency

OUTPUTS

- Serial InterfaceRS232/RS422/RS485
- Output – Analog, 12 bit2 Scalable, ±5 VDC, or ±10 VDC
- LimitsHI/LO, per channel

PERFORMANCE

- Maximum Display Counts10,000
- Display Update4/sec.
- Internal Resolution±14 bits
- Conversion Rate2000/sec.
- Maximum Error0.02% FS

ENVIRONMENTAL

- Operating Temperature+41°F to 122°F
- Relative Humidity - MAX95% at 104°F, non-condensing

POWER

- AC Power90 VAC to 250 VAC
50/60 Hz @ 25VA max
- DC Power10-15 VDC at 15 watts max

MECHANICAL

- Size6.5" W, 2.5" H, 8.7" D
- Weight3 lb
- DisplayBacklit LCD