



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 VDC.....12V, 220mA
4-20 mA.....15V, 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 Update 4/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