Model 9840 Intelligent Indicator

- Remote sense excitation
- 5 point linearization
- Bipolar
- ±999,999 display counts
- Nonlinearity < ± 0.005%
- Auto setup for multiple load cells
- Fast, direct analog output
- ±10 VDC scalable analog output
- Full duplex RS232C communication
- Peak/valley hold with front panel reset
- Front panel and remote tare
- 8 selectable digital filters
- Auto zero
- Front panel shunt calibration with two selectable resistors
- Display units conversion: Lb, Kg, N, Psi, Mpa, Klb, KN, t, mV/V
- Vacuum fluorescent display
- Two-line display
- CE Marked

STANDARD CONFIGURATION

• 9841-000-1 110V single channel

OPTIONS

Second channel
Quad limits
RS485 output
4-20 mA analog output
Quadrature Encoder Input
Panel mount bracket
Multi-drop RS232/485

SPECIFICATIONS

EXCITATION

Voltage ..... 5 or 10 VDC
Current – MAX ..... 180 mA

OUTPUTS

Serial Interface ..... RS232 duplex
Output – Analog, 12 bit ..... Scalable, ± 10 VDC
Output – Analog, Direct ..... 1.5 khz BW
Output – Analog ..... 4–20 mA (optional)
Limits ..... Quad-programmable

PERFORMANCE

Maximum Display Counts ..... ± 999,999
Display Update ..... 4 / sec
Internal Resolution ..... 24 bits
Signal Input Range ..... ± 4.5 mV/V
Programmable Count - by ..... 1, 2, 5, 10, and 20
Conversion Rate ..... 60 / sec
Maximum Error ..... 0.01% of reading
±1 count
CMRR ..... 115 dB

ENVIRONMENTAL

Operating Temperature ..... 32 to 122°F
0 to 50°C
Storage Temperature ..... 14 to 140°F
-10 to 60°C
Relative Humidity – MAX ..... 95% at 104°F
non-condensing

POWER

AC Power ..... 115 OR 230 VAC
50–60 HZ
DC Power (option) ..... Available as a special
Power Consumption ..... 12 watts

MECHANICAL

Size ..... 7.5″w, 2.5″h, 9.5″d
Weight ..... 5 lbs
Display ..... Vacuum Fluorescent
Unit Annunciator ..... Lb, Kg, Klb, KN

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