Model 9834 High Level Input Digital Indicator

- **Works with ±5 VDC, ±10 VDC, 0-20 mA and 4-20 mA inputs**
- **Sample rate 120 readings per second**
- **Programmable analog output, ±10 VDC and 4-20 mA, 2000 Hz bandwidth**
- **5 digit bipolar LED display**
- **Nonlinearity < ±0.01%**
- **Front panel calibration**
- **Peak and valley monitoring**
- **Remote and front panel tare**
- **4 limit setpoints**
- **Designed for CE compliance**
- **Bidirectional RS232**

STANDARD CONFIGURATION

9834-V-1 Voltage input with ±10V analog output and 4-20 mA
9834-C-1 Current input with ±10V analog output and 4-20 mA

OPTIONS

Bench top enclosure
230 VAC power

SPECIFICATIONS

EXCITATION

Excitation Voltage	15 VDC
Current	100 mA

PERFORMANCE

Maximum Display Range	±99,999
Display Update	10/sec
Internal Resolution	±32,768 counts
Signal Input Range	6 VDC max for 5 VDC 11 VDC max for 10 VDC 21 mA max for 4-20 & 0-20 mA
Readings Per Second	120
Maximum Error	0.01% of reading ±1 count
CMR	120dB
Scalable Analog Output	±10 VDC and 4-20 mA
RS232 Output	

ENVIRONMENTAL

Operating Temperature	14 to 122°F -10 to 50°C
Relative Humidity – MAX	90% at 104°F, non-condensing

POWER

AC	115 OR 230 VAC 50–60 Hz
Power Consumption	6 watt

MECHANICAL

Size	3.78" W, 1.89" H, 5.5" D (96mm x 48mm x 140mm)
Weight	1.3 lb (575g)
Display	LED 14 segment, 0.4" H
Panel Cutout	3.62" W X 1.77" H (92mm X 45mm)

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