

Model 9820 General Purpose Indicator



- Bipolar
- 5 digit bipolar LED display
- Nonlinearity $\lt; \pm 0.01\%$
- Analog output – ± 10 VDC, with 2 kHz bandwidth
- Front panel shunt calibration, tension or compression, internal or external resistor
- Peak and valley monitoring
- Remote and front panel tare
- Transformer minimizes noise



STANDARD CONFIGURATION

9820-000-1 110V with ± 10 V analog output

OPTIONS

RS232 serial output
4–20 mA analog output
Four relay setpoint outputs
Bench top enclosure

SPECIFICATIONS

EXCITATION

Excitation Voltage 5, 10, VDC
(jumper selectable)
Current 60, 120 mA respectively

PERFORMANCE

Maximum Display Range $\pm 99,999$
Internal Resolution $\pm 19,999$ counts
Signal Input Range ± 50 mV
Sensitivity $1.2 \mu\text{V}/\text{count}$
Readings Per Second 2.5
Maximum Error 0.01% FS
 ± 1 count
CMR 120dB

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,
.4" H
Panel Cutout 3.62" W X 1.77" H
(92mm X 45mm)

FAST ANALOG OUTPUT 2 kHz