# Model 9840 Intelligent Indicator

- Bipolar
- ±999,999 display counts
- Nonlinearity < ± 0.01%
- Auto setup for 25 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 filters
- Auto zero
- Front panel shunt calibration with two selectable resistors
- Display units conversion: Lb, Kg, N, Psi, Mpa, Klb, KN, t
- Vacuum fluorescent display

## OPTIONS

Auxiliary channel
Quad limits
RS485 output
4-20 mA analog output

## SPECIFICATIONS

**EXCITATION**

| | |
|---|---|
| Voltage | 5 or 10 VDC |
| Current – MAX | 180 mA |

**OUTPUTS**

| | |
|---|---|
| Serial Interface | RS232 duplex |
| Output – Analog | Scalable, ± 10 VDC |
| 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 Counts | 1, 2, 5, 10, and 20 |
| Conversion Rate | 60 / sec |
| Maximum Error | 0.01% of reading<br>±1 count |
| CMR | 115 dB |

**ENVIRONMENTAL**

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

**POWER**

| | |
|---|---|
| AC Power | 115 OR 230 VAC<br>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 |

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