Infinity C Signal Conditioner & Indicator
Basic Model

The Infinity C strain meter is an ideal instrument for use with our 350 ohm strain gaged transducers. Four full digits and a simplified scaling procedure make it easy to set the display to read in any engineering units. The tare function requires a simple push of one of the front-panel push buttons. The standard excitation will power up to four 350 ohm bridges.

Standard Features

- Four full digits
- Easy Scaling
- Powerful Excitation supply

OPTIONAL FEATURES AVAILABLE

Infinity offers the choice of two serial communications boards -RS-232 or RS-485. These options enable the user to communicate with Infinity either through a direct link with a PC or over a local area network.

OPTIONAL FEATURES: (Other)

1) **Scalable analog output, adds $ 155.00 to basic unit price.**
2) **Two setpoints connected to two, 6 amp relays, adds $70.00 the basic instrument price.**
3) **19" rack panel for one 1/8 DIN instrument....US$ 55.00**
4) **Splash proof NEMA-4 front cover....US$ 35.00**

Sensor Excitation

Infinity C can provide excitation to the transmitter or transducer. The excitation can be selected from one of four voltages. (24V @ 25 mA, 12 V @ 50 mA, 10 @ 120 mA or 5V @ 60 mA.

OPTIONAL: ALARM AND CONTROL & ANALOG OUTPUTS

Two form 'C' relays assigned to the front panel setpoints. Both setpoint direction and hysteresis and latch/unlatched operation may be input via the from-panel pushbuttons.

OPTIONAL Analog output - Step Response Time 2-3 Seconds to 99% of Final Value

Signal type Current or Voltage selectable by DIP switch.
Signal Level 0 - 10 V, 4 - 20 mA or 0 - 20 mA.

Display: **LED** **14 segment, 13.8mm (.54") red.**

Mechanical: **Panel cutout: 1/8 DIN 3.62" x 1.78" (45 x 92mm), Depth of 6.13"**
Enclosed polycarbonate housing.
Weight: 1.27 lb (574 grams)

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