



A compact, rugged industrial process current meter . . . includes calibration for zero and range.

The **FLEX DCI** is ideal for DC current, or calibrated indication of current related units. It's ideal for use in new system designs or for adding display to existing current controlled processes. Its rugged die-cast enclosure is NEMA-4/IP65 rated, allowing installation in demanding industrial environments including wash-down applications.

- Large, high-contrast LCD with 3-1/2 active digits
- Four selectable input ranges from 199.9 μ ADC to 199.9mADC
- Minus sign and overflow indicators
- Accuracy to $\pm 0.1\%$
- Selectable right-hand "Dummy Zero"
- Programmable decimal point – tenths, hundredths, or thousandths
- Overrange protection and indication
- Potentiometer adjustments for zero, zero-offset, and scale
- Reading rate of 2.5 updates per second
- Wide operating temperature range, -20° to $+60^{\circ}$ C
- Meets NEMA-4 requirements for water- and dust-tight seal

For Loop Powered Current Indicator, see FLEX LPI
For Process Volt Meter, see FLEX DCV

SPECIFICATIONS

Display: 0.5" high LCD, 3-1/2 digit with minus sign (-1999 to 1999); Selectable decimal point (X.X.X.X) or right-hand dummy zero

Operating Power: 5 VDC @ 2 mA nominal; 4 VDC min., 7 VDC max.

Input Ranges: Selectable 0-199.9 μ ADC, 0-1.999mADC, 0-19.99mADC, 0-199.9mADC

Overrange: Indicated by display of "1" in the most significant digit and the blanking of the lower order digits

Maximum Current: 0-199.9mADC Range: 1 Amp; All Other Ranges: Maximum range current x 10

Input Impedance: 1 Ohm to 909 Ohm, dependent on selected range

Accuracy: 199.9mA range: $\pm 0.15\%$, ± 1 digit; All Other Ranges: $\pm 0.1\%$, ± 1 digit

Reading Rate: 2.5 per second, nominal

Settling Time: 1.5 seconds

Scaling Adjustment: Adjustable from approx. 200 to 1999 counts using scale (coarse) and span (fine) adjustment potentiometers

Offset Adjustment (selectable): Approx. -100 to +300 counts; Auto zero is disabled if offset feature is selected

Operating Temperature: -20° C to $+60^{\circ}$ C

Span Temperature Coefficient: With Scaling Adjustment Disabled: $\pm 0.005\%$ of span/ $^{\circ}$ C; With Scaling Adjustment Enabled: 0.015% of span/ $^{\circ}$ C

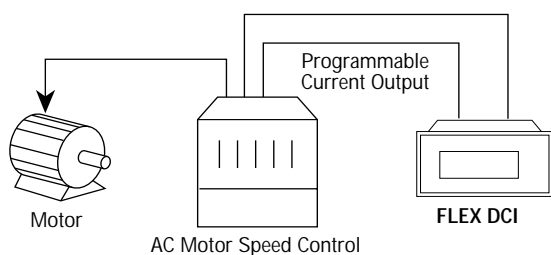
Zero Temperature Coefficient: $\pm 0.005\%$ of span/ $^{\circ}$ C with offset adjustment enabled

Materials: Diecast bezel, high impact plastic lens and insert; front surface meets NEMA-4 requirements when panel mounted with gasket provided

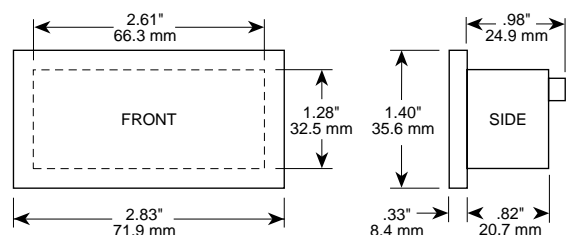
Weight: 5.5 oz. (156 g)

Model No.	Description
FDCI00	FLEX DCI, digital panel meter, DC current
0328992-120	PANEL OPENING ADAPTOR; lets FLEX fit in 3.78" x 1.75" cutouts.

Typical Applications:



Dimensions:



Panel Dims: Cutout: 2.63" x 1.31". Thickness: 0.08" to 0.25". Depth: 0.70" min.