



**NEWPORT  
BRAND**

**\$245** Shown with  
Optional  
Bumper Band  
**Basic Unit**

- ✓ Easy Scaling in Engineering Units
- ✓ Transducer or Transmitter Excitation
- ✓ Analog Output Optional
- ✓ Dual Relays Optional
- ✓ Tare Button
- ✓ Peak Memory
- ✓ Optional NEMA-4 (IP65) Cover

The INFINITY C process meter is a low-cost indicator. It accepts a wide variety of DC voltage and current inputs to cover any typical process application. Standard features include a full 14 segment 4 digit display, easy front panel scaling to virtually any engineering units, selectable excitation of four voltages to work with most transducers and transmitters, front panel and remote tare function for weighing applications, and a hardware lockout to prevent unauthorized changes in setup. The INFINITY C strain meter is ideal for use with pressure transducers, load cells, or any strain gage type transducers. Four full digits and simplified scaling via the front-panel pushbuttons make it easy to set the display to read in any engineering units. All these standard features add up to an instrument with powerful capabilities at an extremely affordable price.

**For Sales and Service  
In U.S.A. and Canada**

**1-800-872-3963<sup>SM</sup>  
1-800-USA-DYNE**

**International Customers Dial  
(614) 965-9340  
24-Hour FAX (614) 965-9438**

**OMEGADYNE<sup>SM</sup> FAX**

OMEGADYNE's 24-Hour  
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**1-800-344-3963<sup>SM</sup>  
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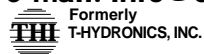
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# PROCESS/STRAIN METERS



► **Most Popular Models Indicated** ◀

**Prices Shown in U.S. Dollars.**

| Model No.             | Price        | Description  |
|-----------------------|--------------|--|
| ▶ <b>INFCP-(*)00A</b> | <b>\$245</b> | Process Indicator, basic unit                            |
| ▶ <b>INFCP-(*)10A</b> | <b>315</b>   | Process Indicator, with dual 6A relays                   |
| ▶ <b>INFCP-(*)01A</b> | <b>325</b>   | Process Indicator, with analog output                    |
| ▶ <b>INFCP-(*)11A</b> | <b>395</b>   | Process Indicator, with analog output and dual 6A relays |
| ▶ <b>INFCS-(*)00A</b> | <b>245</b>   | Strain Indicator, basic unit                             |
| ▶ <b>INFCS-(*)10A</b> | <b>315</b>   | Strain Indicator, with dual 6A relays                    |
| ▶ <b>INFCS-(*)01A</b> | <b>325</b>   | Strain Indicator, with analog output                     |
| ▶ <b>INFCS-(*)11A</b> | <b>395</b>   | Strain Indicator, with analog output and dual 6A relays  |

\* Specify order code for power/display type from chart below – All units include operators manual

## SPECIFICATIONS

**Input Ranges:** 0-100 mV,  $\pm 50$  mV,  
0-10 V,  $\pm 5$  V, 0-20 mA, 4-20 mA

**Isolation:** 354 V peak per IEC spacing

**NMR:** 60 dB

**CMR:** 120 dB

**Protection:** 240 V rms max for voltage  
input ranges; 200 mA for current ranges

**Resistance:** 100 Meg ohms for 100 mV or  
 $\pm 50$  mV range; 1 Meg ohm for 10 V or  
 $\pm 5$  V range; 5 ohms for 20 mA current input

**Display:** 4-digit, 14 segment,  
13.8 mm (0.54") height

**Analog-to-digital technique:** Dual slope

**Internal resolution:** 15 bits

**Read rate:** 3/sec

**Polarity:** Automatic

**Max error strain/process:**  $\pm 0.03\%$  rdg

**Span tempo:**  $\pm 50$  ppm/jC

**Step response:** 1-2 sec

**Warmup to rated accuracy:** 30 min

**Analog output (optional):**

0-10 V, 4-20 mA or 0-20 mA; may be  
assigned to a display range or  
proportional control output with setpoint  
#1 when used as a control output.

**Excitation voltage:** 24 V @ 25 mA or  
12 V @ 50 mA; 10 V @ 120 mA or 5 V  
@ 60 mA

**Power:** 115 V or 230 V rms  $\pm 15\%$ ,  
50-60 Hz; 6 watts

**Operating temperature:** 0 to 50 jC

**Storage temperature:** -40 to 85 jC

**Relative humidity:** 90% at 40 jC  
(non-condensing)

**Panel cutout:** 1 $\frac{1}{2}$  DIN, 45 x 92 mm  
(1.78" x 3.62")

**Weight:** 574 g (1.27 lb)

## Power and Display Selection

| Order Code | Power     | Display | Add'l Price |
|------------|-----------|---------|-------------|
| 0          | 115 Vac   | red     | N/C         |
| 1          | 230 Vac   | red     | N/C         |
| 2          | 115 Vac   | green   | N/C         |
| 3          | 230 Vac   | green   | N/C         |
| 4          | 10-32 Vdc | red     | 95          |
| 5          | 10-32 Vdc | green   | 95          |
| 6          | 26-56 Vdc | red     | 120         |
| 7          | 26-56 Vdc | green   | 120         |

**Ordering Examples:** 1.) **INFCP-110A**, process  
meter with 230 Vac power, red LED display,  
and dual 6A relays, **\$315**.

2.) **INFCS-011A**, strain meter with 115 Vac  
power red LED display, analog output, dual  
relays, **\$395**.



OMEGADYNE<sup>SM</sup> Series **LC400**  
Load Cell sold Separately  
OMEGADYNE<sup>SM</sup> FAX Document # 3613