



# TAYLOR ELECTRONIC DESIGNS

## MODEL 8097: 3 or 3 ½ DIGIT (4") DISPLAY UNIT

(Analogue Input / Digital Display)

### **DESCRIPTION:**

The Taylor model 8097 was developed to provide industrial and commercial sites with a reliable and accurate large digital display unit. The 8097 series is completely self-contained resulting in an extremely versatile unit. The analogue input data is converted to digital code and then displayed for wide area viewing.



### **Features:**

Excellent for Factory and Production Areas.

Ideal for the display of voltage, current, resistance, temperature, humidity, RPM, speed, weight, distance, etc.

### **Options:**

Available Display Colour: Red (standard), Green and Yellow.

3 or 3½ Digit Display (3 digit standard).

2.3", 3" and 5" high LED's also available (4" standard).

### **Specifications:**

**Measuring Resolution:** 11 bit (one in 2048) better than 0.05% resolution.

**Accuracy:** (+/- 1%) plus (+/- 1 LSD)

**Calibration:** Factory or User.

**Display Type:** Seven Segment 4" High LEDs.

**Lens:** Two Sections: (1) Non-Glare 1/8" Clear Acrylic.  
(2) 1/8" Acrylic LED filter.

## ***Preliminary Information***

**TAYLOR ELECTRONIC DESIGNS**  
MODEL 8097: 3 or 3 ½ DIGIT (4") DISPLAY UNIT

**Analogue Input:** 4 To 20ma Current Loop. Impedance 100 Ohms. \*  
+/- 0 To 20 Volts DC \*  
+/- 0 To 2 Volts DC \*

\*Offset And Span Internally Adjustable (+/- Auto Polarity).

**Decimal Point:** Selectable (Using Internal Jumper)  
**Dimensions:** 14"Hx16"Wx6"D  
**Weight:** 28 Lbs.  
**Enclosure:** Nema Type 12 Box (Wall Mount) With Liquid Tight Connectors.  
Display Is Splash Proof.  
**Operating Temperature:** Range 0 To 40 C.  
**Power:** 24vdc External Adapter Supplied.

**Custom Displays and Other Products Available: Please Contact Below**

**Contact:**

Taylor Electronic Designs  
2 Steinway Boulevard Unit 1  
Toronto Ontario Canada M9W 6J8

Roy Taylor  
Tel: (416) 504-9699  
Email: sales@taylorelectronicdesigns.com  
Website: www.taylorelectronicdesigns.com

**Specifications And Price Subject To Change Without Notice.**  
**Printed March 2010**

***Preliminary Information***

Page 2 of 2

[WEBSITE](#)