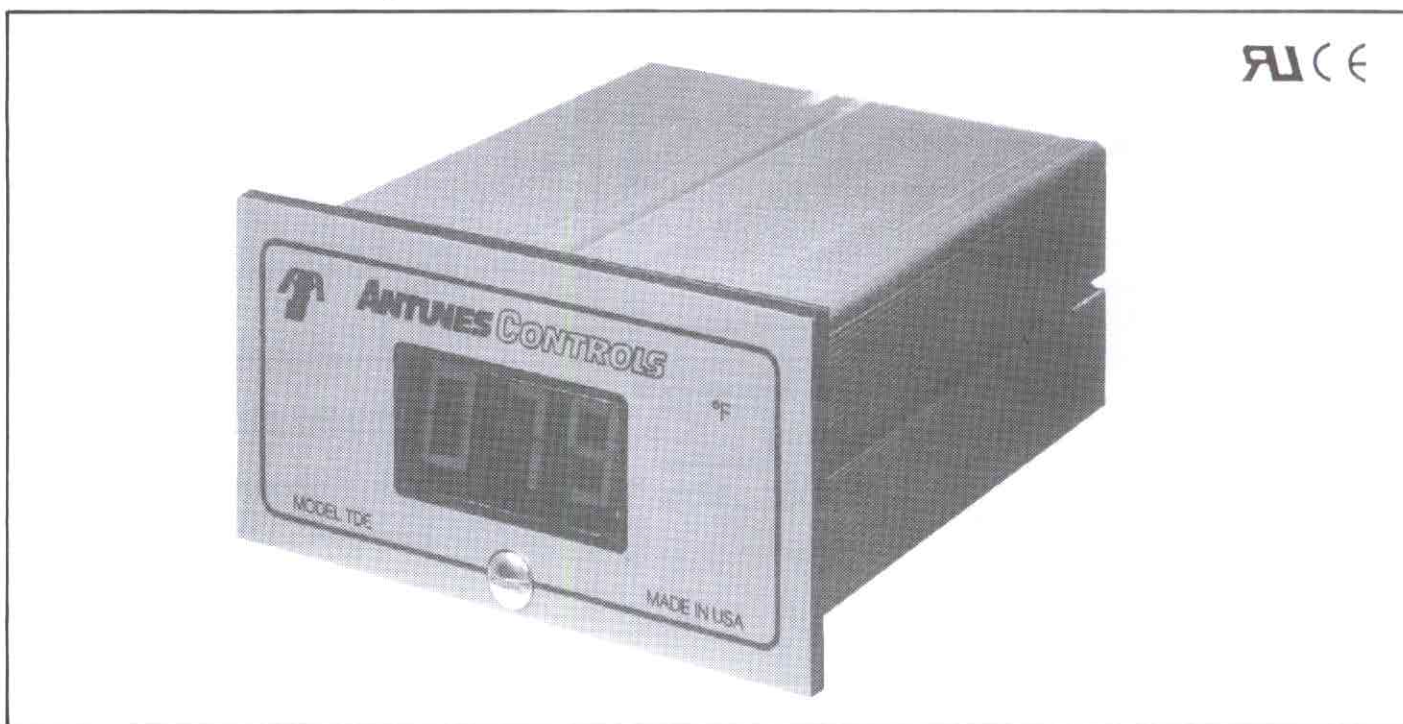




# ANTUNES CONTROLS

DIVISION OF A.J. ANTUNES & CO.

## DIGITAL TEMPERATURE DISPLAY MODEL-TDE



### FEATURES

- Thermocouple Input (Type J or K)
- 0.56" 3 Digit LED Display
- Easy to Install
- Competitive Pricing
- 1/8 DIN
- 1% FS  $\pm$  1 LSD
- Ambient Temperature Compensated
- Screw Terminal Connections
- F and C Scaling

Antunes Controls' Series TDE is a compact, solid state digital temperature indicator. Unit reads temperatures from 50°F to 940°F or 10°C to 530°C with a 1° resolution and a 1% accuracy.

The series TDE uses a type J or K thermocouple. The thermocouple sends a signal to an integrated circuit which is converted to a digital signal and displayed on a 3 digit LED display. The numerals are 1/2" high and 1/4"

wide which makes the display easy to read from a distance.

The unit is powered by 12Vac/dc. An optional power supply is available for 24Vac, 115Vac or 230Vac applications

The unit fits into a 3.62" x 1.77" cut-out for easy installation. Display zero and span adjustments are on the back of the unit.

**SPECIFICATIONS**

**SENSOR:** Thermocouple (Type J or K)

**ACCURACY:** 1% Full Scale  $\pm$  1 LSD

**AMBIENT OPERATING**

**TEMPERATURE:** -30°F to 140°F  
(-35°C to 60°C)

**AMBIENT STORAGE**

**TEMPERATURE:** -40°F to 180°F  
(-40°C to 82°C)

**POWER:** 12 Vac/DC, 24 Vac, 115 Vac,  
230 Vac

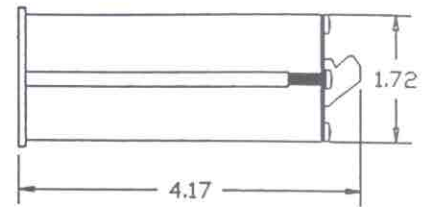
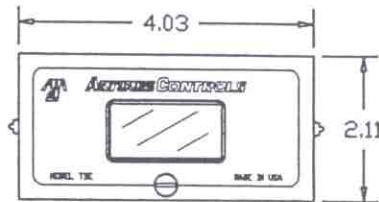
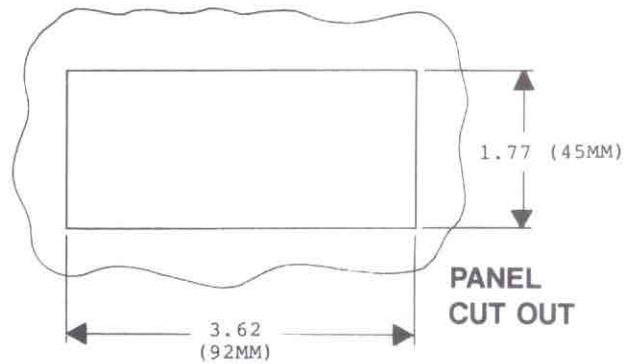
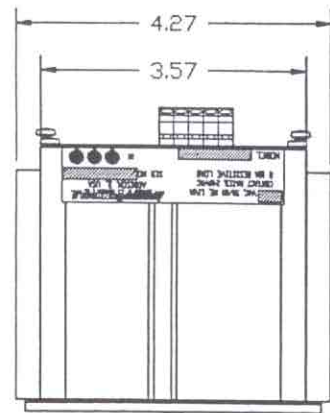
**PACKAGE:** 1/8 Din Panel Mount  
Anodized Aluminum Case

**DISPLAY:** 3 Digit LED 0.56" High)

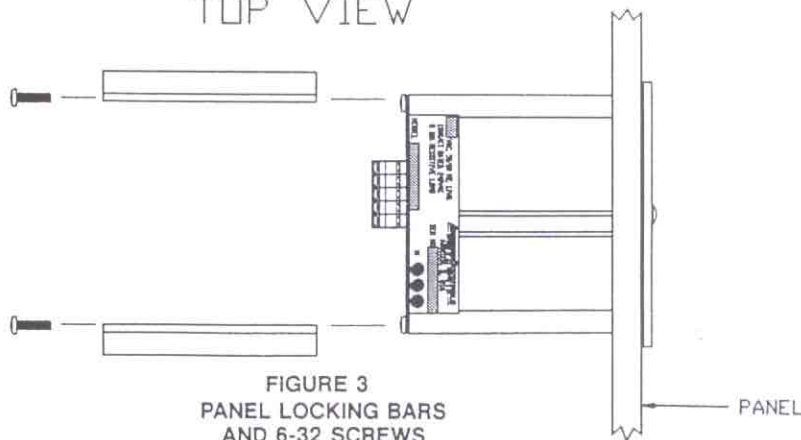
**CONNECTIONS:** Screw Terminal

**TEMPERATURE RANGE:** 50° - 940°F  
10° - 530°C

**DIMENSIONS IN INCHES**



**TOP VIEW**



**FIGURE 3**  
**PANEL LOCKING BARS**  
**AND 6-32 SCREWS**

**AA ANTUNES CONTROLS**

DIVISION OF A.J. ANTUNES & CO

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