

# PRODUCT SPECIFICATION SHEET

MODEL:  
**1003-1C1-Z082**

REV:

DESCRIPTION:  
Digital Indicating Temperature Controller w/Remote SP Pot

CUSTOMER PN:  
Imperial Mfg.

DATE:  
6/20/97

1003-1C1-Z082

**POWER INPUT:** 12VAC C.T. +10%, -15%, 50/60Hz, 6VA Max.  
**CONTROL OUTPUT:** SPST N.O. Relay rated 1.5/.8A pilot duty at 120/240VAC  
**CONTROL MODE:** On-Off with 2°F (1°C) Hysteresis  
**SETPOINT RANGE:** 0 to 260°C  
**SETPOINT ADJ.:** 1K Remote SP Potentiometer with 24" leads (incl. 45-1010 dial & 33-1001 knob)  
**CALIBRATION:** CAL Pot - Allows correction for sensor errors  
 SP OFFSET Pot - Corrects for error between actual SP and dial reading.

**SENSOR:** Type "J" Thermocouple  
**TC BREAK PROT:** Output de-energizes upon thermocouple break.  
**COMPENSATION:** Automatic ambient compensation  
**AMB. OPER .TEMP:** 0 to 50°C (32 to 125°F )

DIMENSIONS:

