3330/60 SERIES

Digitec Division

T/C and RTD Indicator with Relay Output Options.



FEATURES

- **NEMA 4X (IP65) Front Panel**
- **1/8 DIN Extruded Aluminum Case**
- **Low Cost**
- **Short Depth Case (2½")**

PROCESS APPLICATIONS

- **Thermocouple**
- **RTD (100Ω Platinum)**
- **General Temperature**

DESCRIPTION

The 3330 thermocouple display offers a low cost solution for indicating and/or controlling temperature from a type "J" or "K" thermocouple. The unit is available in 1° (3330) or 0.1° (3332) temperature resolution. Temperature ranges for a type "J" thermocouple is -148° to 1,292°F (-100° to 700°C). Temperature ranges for the type "K" thermocouple is -148° to 1999°F, (-100° to +1200°C).

The 3360 RTD display indicates and/or controls temperature from a 2 or 3 wire 100Ω platinum (0.00385 Alpha) sensor. The temperature range is -148° to +1472°F (-100° to +800°C). The unit has an excitation of 1 mA max. which eliminates heating effects.

The display has a bright 0.56" high red LED display housed in a NEMA 4X front case. The indicator flashes all digits if the thermocouple opens or the wire becomes faulty.

ORDERING INFORMATION

33XX N4 - XX X

OPTIONS
- **3** Thermocouple
- **6** RTD

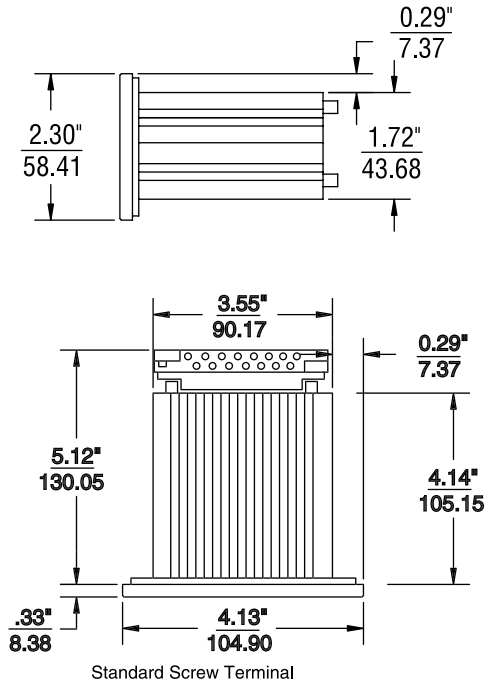
RESOLUTION
- **0** 1° Resolution
- **2** 0.1° Resolution

(THERMOCOUPLE ONLY)
- **03** "J" Type
- **05** "K" Type

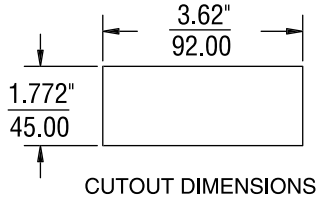
RELAY OUTPUT
- **C** N.O. Relay Output

DIMENSIONS

INCHES
MILLIMETERS



Standard Screw Terminal



CUTOUT DIMENSIONS

SPECIFICATIONS

METER TYPE:	J or K type thermocouple linearization (3330) and 100Ω Platinum
ADJUSTMENT:	RTD (3360) is set at factory for Fahrenheit scale
ACCURACY:	At 23°C ambient ±2°C
TEMP COEFFICIENT:	±100ppm ±0.05 counts/°C
SENSOR WIRE EFFECT:	0.01°C per ohm per conductor. 0.5µA max. input current.
SYSTEM:	Dual slope A/D converter, average value, read rate 2.5 readings per sec., 100mS signal integration time.
POWER INPUT:	115 VAC @ 7 watts max.
COMMON MODE:	Signal common to power ground isolation 1500 V peak (from DC to 60Hz). 354 V IEC spacing.