

DYNISCO MODEL 1400

Programmable Process and Temperature Indicator

Description

The model 1400 is a field programmable temperature or process input indicator featuring 8 thermocouple/RTD inputs and 8 linear process inputs. The linear inputs can be digitally scaled to meet your process requirements. The selectable inputs along with continuous peak/valley detection; dual alarm capability; key board lock out; and compact size make the 1400 an ideal solution for your indication requirements.

Features

- Selectable thermocouple and RTD inputs
- °F/°C programmable
- Available with dual alarms and linear input
- Peak detection of minimum/maximum reading
- Scalable display (DC input)

Benefits

- Uses commonly available sensors
- Choice of worldwide units
- Can become full process indicator
- Retrieve extremes of the process
- Display in actual engineering units



Specifications

Performance Characteristics

Dimensions: 1/8 DIN, 3.5 in., (89 mm) depth
Rear connections: Screw terminals
Power: 100 - 240 Vac, 50/60 Hz (switching)
Display: 4 digit, green LED, 0.5 in. high
Sample rate: 500 mS

Operating temperature: 32°F to 122°F (0°C to 50°C)
Accuracy: ±0.2% of span
CMRR: 120 dB @ 50/60 Hz
Noise rejection: Per IEC801 - 4 level 3
Weight: 2 lbs.

Input

Thermocouple: Types J, K, L, N, R, S, T
RTD: Type PT100 (DIN 43760)
Scaling: °F/°C programmable
Linear: Input 0 to 60 mVdc, 0 to 5 Vdc, 0 to 10 Vdc,
0 to 20 mA, 4 to 20 mA

Linear scaling: -2,000 to +4,000
Input filter: First order digital, with 1, 2, 3, 4, 5 second time constants
Sensor break: Up scale standard

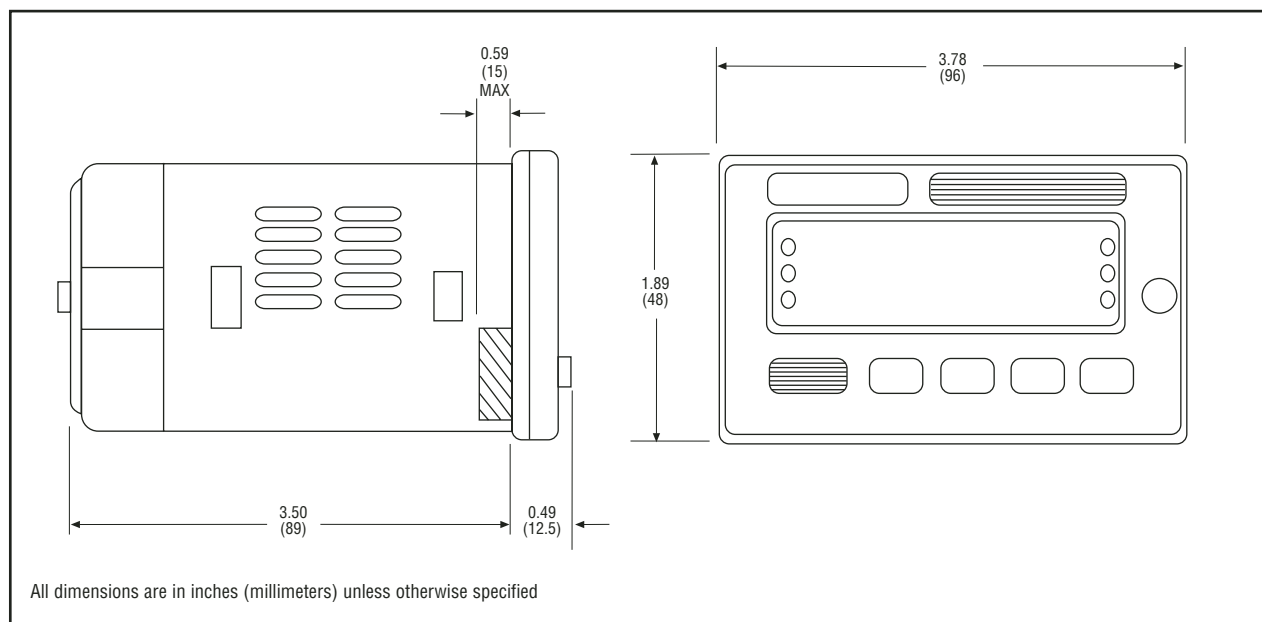
Alarms

Number: Two
Type: SPDT

Relay rating: 3 A @ 250 Vac, resistive
Modes: High/low; manual/auto reset; low alarm mask

DYNISCO MODEL 1400

Programmable Process and Temperature Indicator



Ordering Guide

Model	Options		Power	
	Code	Description	Code	Voltage
1400	0	Thermocouple and RTD input	3	100 - 240 Vac (switching)
	4	Thermocouple, RTD (and linear input) with dual alarms		

Ordering Example: 1400 - 4 - 3

Delivery

Express delivery