

1392 Temperature Indicator

1/8 DIN panel display with retransmission capability



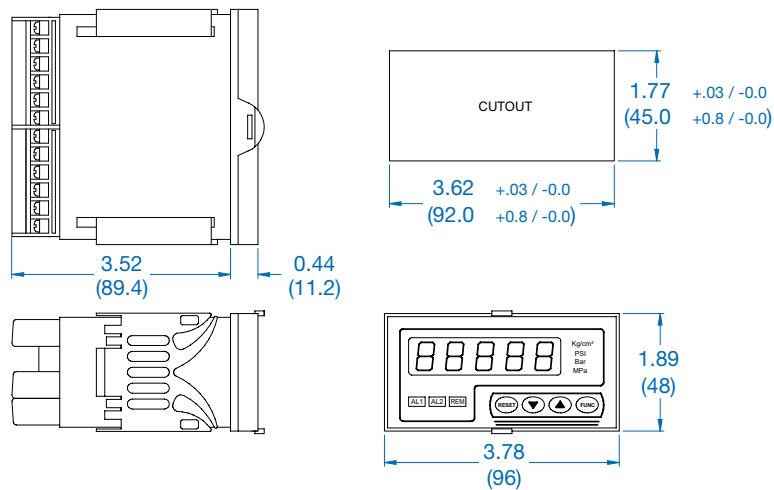
Features

- Selectable TC, RTD, voltage, or mA inputs from the front panel
- Easy to read 5-digit display with °F, °C, Peak high & low indicators
- Simple field configuration; lockout security
- Two programmable alarms
- High speed sampling and alarm update
- Available:
 - Retransmission of process variable
 - ModBus/JBus communications
 - Remote PC configuration

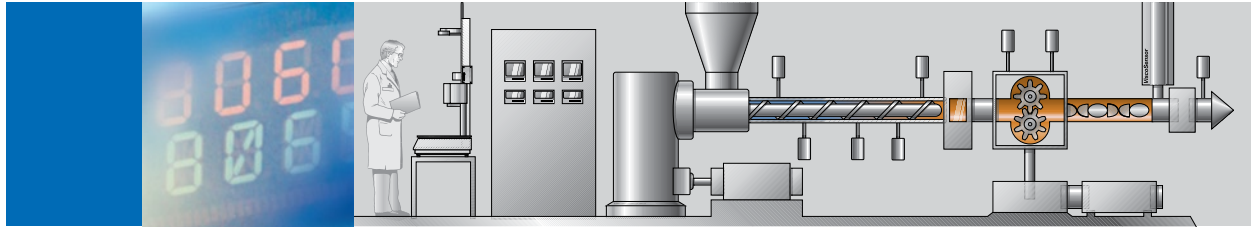


Description

The Model 1392 is a compact 1/8 DIN temperature indicator that can accommodate thermocouple, RTD, mA, and voltage inputs and includes two alarm outputs. The 1392 is field programmable without opening the unit, and can be secured with a keypad lockout. A serial port is also available for PC configuration. The bright red 5-digit temperature display also indicates other parameters such as dual alarm status, high / low peak detection, and remote status.



All dimensions are in inches (millimeters).



Specifications

PERFORMANCE CHARACTERISTICS

Instrument type:	Digital panel meter
Display:	5 red LED digits 0.5" (12.7mm) high 2 red LED lights for alarm 1 green LED light for remote configuration
Accuracy:	±0.1%
Normal Mode Rejection Ratio:	60dB at 50/60Hz
Sampling Time:	100mS

INPUT

Thermocouple:	Types J, K, E, L, N, R, S, T
RTD:	Type PT100 (DIN 43760)
Linear Input:	0(4)-20mA and 0(1)-5Vdc and 0(2)-10Vdc
Scaling:	°F or °C programmable

ALARM OUTPUTS (2)

Alarm Type:	Two SPST Form C
Contact Rating:	0.6A @110Vdc, resistive load 0.5A @220Vdc, resistive load 0.3A @110Vdc, inductive load
Alarm Update Time:	100mS

ANALOG RETRANSMISSION OUTPUTS

Type:	0(4)-20mA, 0(1)-5V or 0(2)-10V. 500Ω, max load
Resolution:	±0.05% of output span maximum
Accuracy:	±0.2% of span
Update Time:	100mS

SERIAL COMMUNICATION INTERFACE

Type:	Isolated RS-485
Protocol:	ModBus/JBus selectable (half duplex)
Baud Rate:	150 – 19200 baud
Format:	8 bits + parity; 8 bits without parity
Parity:	Odd / Even

MECHANICAL & PACKAGING CHARACTERISTICS

Termination:	Screw terminals on rear with safety covers
Front Panel:	IP65/NEMA4-rated with gasket
Operating Temperatures:	32° – 130°F (0° – 55°C)
Humidity:	5 – 85% relative humidity, non-condensing
Vibration:	10 – 150Hz at a peak of 1G

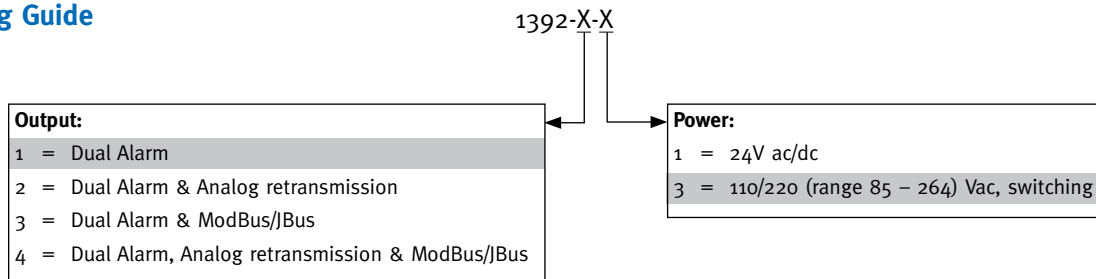
APPROVALS & CERTIFICATIONS

CE Mark:	EMC standard EN 61326-1 2002 Safety standard EN 61010-1 2001
Agency approvals:	
UL:	According to UL 3121-1
cUL:	According to C22.2 No. 142
C-Tick:	Australia

POWER SUPPLY (MAINS)

Input Power:	85-264 Vac (24V ac/dc available)
Power Consumption:	10W, max
Input Protection:	Internal thermistor
Isolation:	Reinforced isolation from instrument and all other I/O circuits

Ordering Guide



Shaded sections refer to standard configurations that are offered.

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