

# Remote Temperature Display (°F / °C)

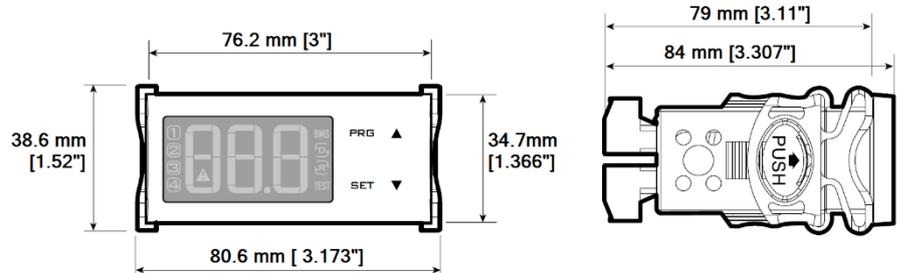
## SCE-RMTD

### Specifications:

Voltage/Frequency:	115 to 230 V~ 50/60 Hz
MAX operating current:	0.05 A
MAX alarm relay load:	8 A resistive / 4 A inductive
MAX alarm relay lifetime:	100,000 cycles
Operating Temperature Range:	14 to 140 °F / -10 to 60 °C
Sensor Measurement Range:	-58 to 194 °F / -50 to 90 °C (±3K)
Max. Operating Humidity:	90% r.H. (non-condensing)
LED Colour:	Blue
Mounting panel thickness range:	0 to 0.6" / 0 to 15 mm
Approvals:	UL, CE

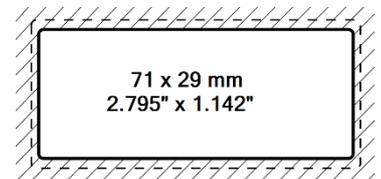


### Unit dimensions:



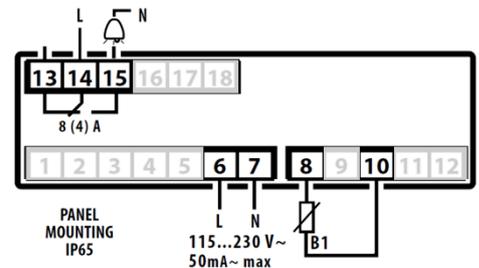
### Mechanical Installation:

1. Make a cut-out with the following dimensions in the panel where the unit will be mounted:
2. Insert the unit in the panel from the front of the cut-out.
3. Slide the 2 yellow mounting clips on each side of the unit (from the rear of the unit).
4. Push the clips forward until a reasonably firm fit is achieved.
5. Clip the plastic frame to the front of the unit (if required) and remove the protective film.



### Electrical Installation:

1. Connect the temperature sensor. (5 pole connector)
2. If required, connect the Alarm dry contact output. (6 pole connector)
  - Pin 14 (COMMON) should be connected to a power source.
  - Pin 15 is NC when the unit is not powered and NO when the unit is powered. It should be connected to the alarm indicating equipment.
3. Connect the power supply cable. (2 pole connector)
  - White – Live.
  - Black – Neutral.



### Normal operation:

The display shows the measured temperature in the range -58 to 302 °F / -50 to 150 °C.

### Alarm condition:

Default alarm temperature setpoints are as follows:

- Low Temperature alarm setpoint: 32 °F / 0 °C
- High Temperature alarm setpoint: 131 °F / 55 °C



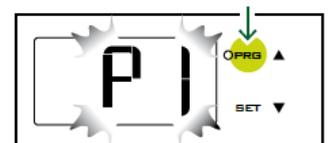
The Alarm symbol flashes and the Alarm contacts switch to the alarm state (pin 14 & 15 shorted) under the following conditions:

- No power.
- Temperature sensor not detected (E01 shows up on the display).
- Temperature below 32 °F / 0 °C or above 131 °F / 55 °C.

### Changing Settings:

#### Choosing between °F & °C (default is °F)

Press "PRG" until C18 is displayed.  
 Press "SET" to display the current value (°C = 0 / °F = 1).  
 Use ▲ or ▼ to reach the desired value.  
 Press "PRG" for 5s to save the new value.



#### Changing the temperature alarm setpoints

Press "PRG" until C18 is displayed.  
 Press ▲ or ▼ until P25 (low temp alarm) or P26 (high temp alarm) is displayed.  
 Press "SET" to display the current value.  
 Use ▲ or ▼ to reach the desired value.  
 Press "PRG" for 5s to save the new value.

When pressing "PRG" for 3s, the firmware revision code is displayed for 2 seconds.

If no button is pressed for 10s while programming, the display starts flashing and after 60s returns to the main display without saving changes.

### Delivery Items:

- TD-100 Temperature and Alarm Display Unit.
- Power Supply cable (1.5 m / 59") with connector for connection to unit and loose ends.
- Temperature Sensor cable (1.5 m / 59") with connector for connection to unit.
- 6 pole connector for connection of alarm contacts (if required).
- Mounting Clips (x2).
- Plastic Frame.