

## E55-400 High Temperature Line Sensing Thermostat

The E55-400 is a remote line sensing thermostat for controlling heat trace systems in ordinary and corrosive environments. It is ideal for process temperature control up to 400 °F

### Enclosure

Nema-4X  
Die Cast Aluminum with Epoxy  
Powder Coating

### Adjustable Range

50 to 400 °F (10 to 204 °C)

### Bulb Temperature Limits

-40 to 600 °F (-40 to 315 °C)

### Capillary

10' 304 Stainless Steel

### Switch

SPDT, 22 Amps @  
120/240/480 VAC  
1,000,000 cycles

### Accuracy

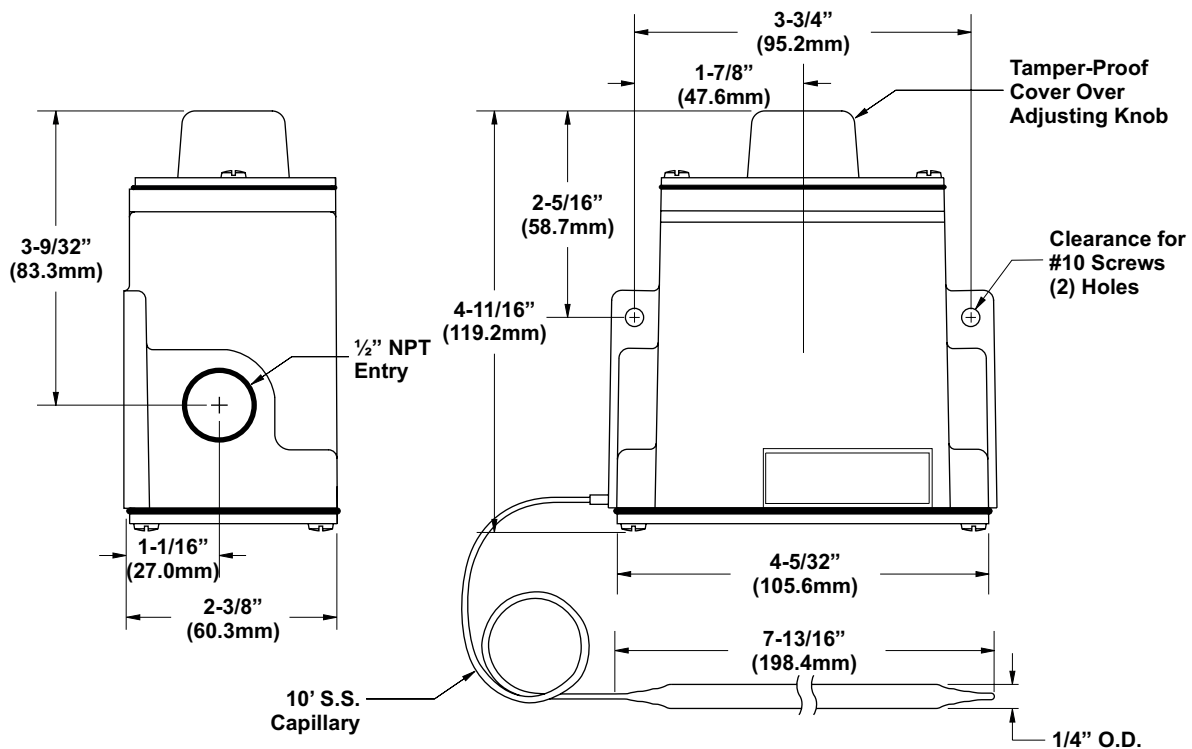
+/- 1% of range

### Differential

Typically 1% of range

### Weight

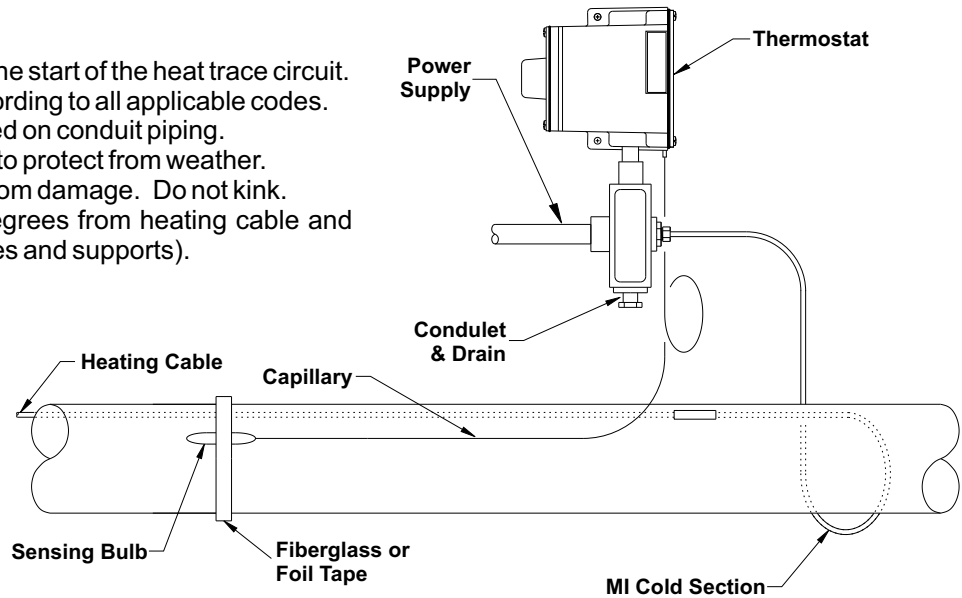
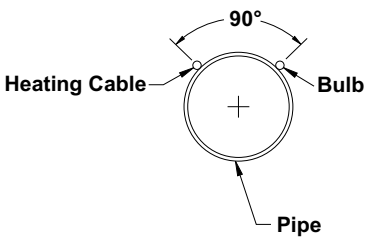
1 lb



## Installation

### Notes:

- Securely mount thermostat near the start of the heat trace circuit.
- Connect control wiring. Wire according to all applicable codes.
- Low point drains are recommended on conduit piping.
- Select set point and secure cover to protect from weather.
- Route capillary so it is protected from damage. Do not kink.
- Mount bulb a minimum of 90° degrees from heating cable and locate away from heat sinks (valves and supports).



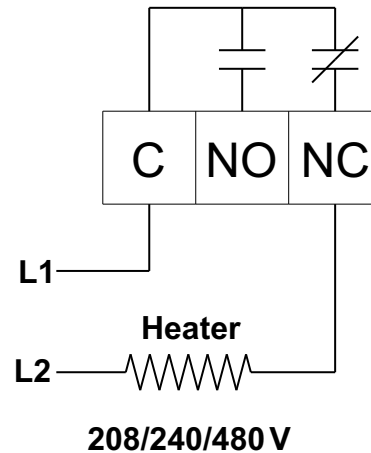
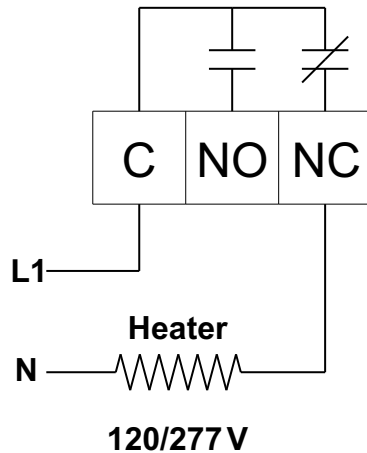
## Annual Maintenance

Spray a coat of lubricant and rust preventative such as CRC Stor & Lube on electrical connections and dial stem. Trasor part number: ASK-10165.

## Wiring Diagram

The normally closed contacts are closed when bulb temperature is below set point.

Contacts Rated:  
22 Amps @ 120/240/480 VAC



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