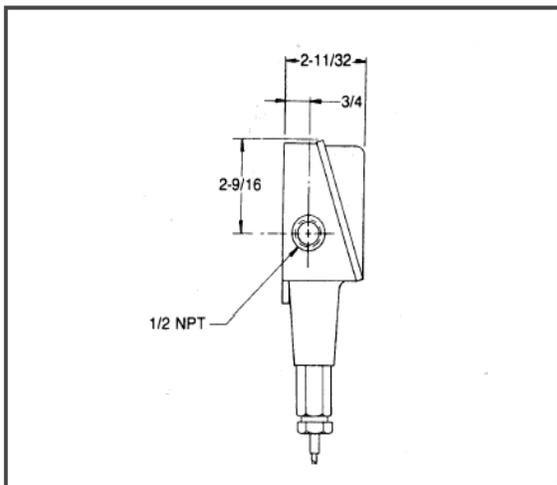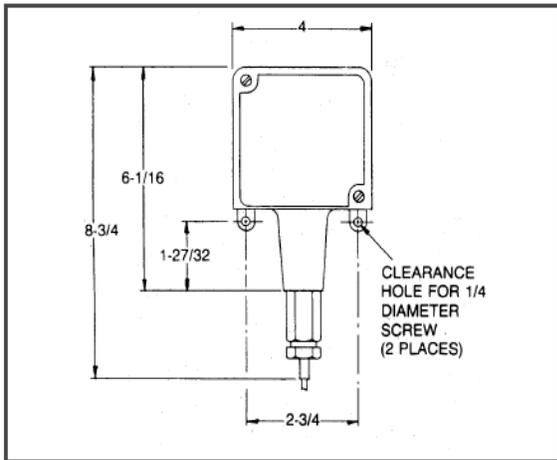# UNITHERM ™
1660-13A11 LINE SENSING THERMOSTAT

Description

The Unitherm™ 1660-13A11 thermostat is a watertight, dust tight and corrosion resistant temperature controller in a lightweight die cast enclosure with an internal calibrated reference dial and tamper-proof adjustment for outdoor or indoor locations. The liquid-filled thermal system, with its stainless steel bulb and capillary, provides a very dependable and accurate control system.

Wiring

For heater control, low alarm (close on falling temperature) use COM and NC.
For high alarm (close on rising temperature) use COM and NO.

Specifications

Enclosure	Die cast aluminum with polyamid epoxy coating, NEMA 4X; watertight, dust tight and corrosion resistant
Connection	Screw terminals on switch Through 1/2-NPT hub
Switch	SPDT UL listed with internal calibrated reference dial and Tamper proof adjustment
Rating	22 amps at 480 VAC
Range	25° - 325°F
Sensor	10 Ft. 304 SS capillary with 1/8" dia. x 11-5/8" SS bulb
Approval	UL listed/CSA certified
Accuracy	1% of adjustable range

Form 1660-13A11-040903

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UNITHERM ™ INSTALLATION INSTRUCTIONS
1660-13A11 LINE SENSING THERMOSTAT

Typical installation for a 1660-13A11 line sensing thermostat mounted on an electric traced bundle.

1548-10000 Electrical Connection Kit

1660-13A11 Thermostat

Heating Element

Thermostat Sensor Line and Capillary Bulb

Silicone End Seal

End View

1660-13A11 Thermostat

1548-10000 Electrical Connection Kit

Heating Element

Thermostat Sensor Line and Capillary Bulb

Unitherm Electric Traced Bundle

Plan View