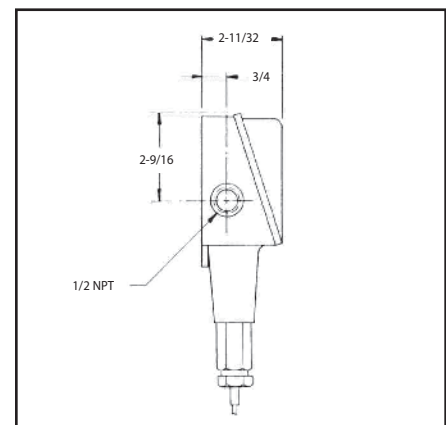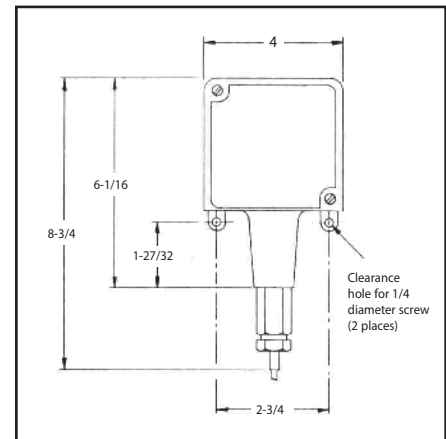# 1660-13A11

Line Sensing Thermostat

Description

The 1660-13A11 thermostat is a watertight, dust tight and corrosion resistant temperature control in a light-weight 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" SS bulb
Approval	UL listed/CSA certified
Accuracy	1% of adjustment range

Typical installation for a 1660-13A11 line sensing controller mounted on a pipe.

Line Sensing Thermostat
1660-13A11

Conduit Box

Electric Connection Kit
(includes pipe nipple
and cable ties)

Heating
Element

Fiberglass Tape

Controller
Sensor Bulb