Controls

EPETD-8D
Explosion Proof Room Thermostat

- **Heavy Duty**

- **22 Amps @ 120 - 277 Vac**

- **Full Load Motor Rating:**

  3/4 HP @ 125Vac, 1-1/2 HP @ 250Vac

- **Double Pole, Double Throw (DPDT) Snap Action Switch Operation**

- **Heat, Cool or Heat/Cool compatible**

- **Temperature Range 50-90˚F (10-32˚C)**

- **Temperature Adjustment Knob with Dual Temperature Scale**

- **Bi-Metal Temperature Sensor**

- **Case accepts 2 x 3/4"NPT conduit (on top and bottom)**

- **3/4 NPT Plug & 1/2 X 3/4 NPT Adapter included**

- **1/2" thick cast Aluminum housing**

- **UL/cUL Class I, Groups C&D, Class II, Groups E, F & G**

- **NEMA Class 7, Div 1 Approved**

- **Tolerance: Heat 2°F/Cool 4°F**

- **Dimensions: 5.625" x 6.375" (143mm x 162mm)**

Description

The EPETD-8D Thermostat is designed to control heating, cooling, heating and cooling or ventilation systems in commercial or industrial applications that are located in hazardous areas.

Applicable industries include oil & gas, petrochemical, power generation, food & beverage, waste water, mining, agriculture, general industrial and the life sciences including lab/analytical and medical.
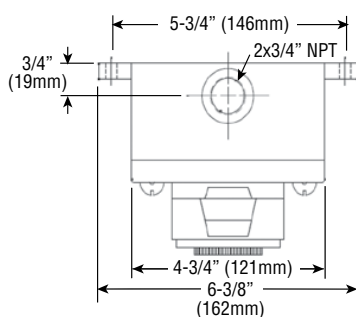
The EPETD-8D is suitable for challenging environments found in grain elevators, munition plants, hospital operating rooms, fueling depots as well as any hazardous area with comfort-air needs.

This thermostat has a snap action, double pole-double throw switch operated by a bimetal actuator and is offered with an adjustable, dual temperature scale knob with positive off.
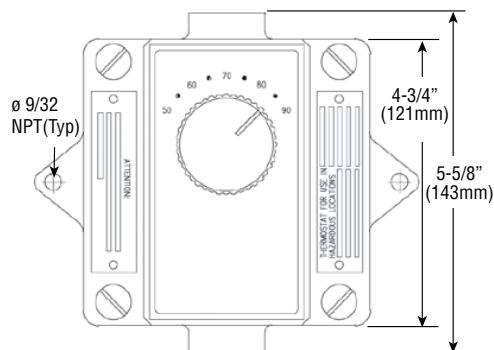
No leveling is required during installation. The case is conveniently equipped with top and bottom 3/4"NPT taps, a 1/2" x 3/4" adapter and a 3/4"NPT plug.

The EPETD-8D is UL/cUL Listed for Class I, Groups C & D, Class II, Groups E, F & G and carries a NEMA7/Div 1 enclosure rating.

Dimensions In. (mm)

Top View

Front View

Specifications and Ordering Information

Model	Temperature Range	Current	Voltage	Weight	Approvals	PCN
EPETD-8D	50-90˚F 10-32˚C	22 Amps	120-277 Vac	5 lbs. 2.3 kg	UL/cUL Class I, Groups C & D Class II, Groups E, F & G NEMA 7, Div I	266204