



& ASSOCIATES, INC.

## TAD-N7 Thermostat

- Explosion Proof
- Remote Bulb
- Temperature Control
- Line Sensing



### Description

The **TAD-N7** thermostat is an explosion proof and weatherproof temperature control in a lightweight die cast aluminum enclosure. The **TAD-N7** temperature control utilizes a liquid filled sensing bulb which hydraulically transmits temperature change to a bellows. The response at a pre-determined set point activates a SPDT (Single Pole Double Throw) converting the temperature signal into an electronic signal. This liquid filled thermal system with its stainless steel bulb and capillary offer a very dependable and accurate temperature control.

### Features

- Suitable for use in Class 1, Divisions 1 & 2, Groups B, C & D; Class 2, Divisions 1 & 2, Groups E, F & G; Class 3 or Non-Hazardous Locations.
- 25°F - 325°F temperature range.
- Easy electrical hook-up at terminal block through 3/4" NPT hub.
- NEMA 7

### Applications

- Constant Wattage Heater Cables
- Self Limiting Heater Cables
- Mineral Insulated Heater Cables

**TAD & Associates, Inc.**  
**P.O. Box 2170**  
**Canyon Lake, Texas 78133**

**Phone: 830.964.4435**  
**Fax: 830.964.4493**  
<http://www.tad-associates.com>



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## TAD-N7 Thermostat

### Characteristics

| Type | Range        | Differential | Bulb Size      | Capillary Length | Shipping Weight |
|------|--------------|--------------|----------------|------------------|-----------------|
| SPDT | 25°F - 325°F | 3°F - 6°F    | 10 1/2" x 3/8" | 10 Feet          | 3 Lbs           |

### Mechanical Data

#### ⚠ Electrical Ratings

|                                   | 120VAC | 240VAC | 480VAC |
|-----------------------------------|--------|--------|--------|
| Non-Inductive Resistive Load Amps | 22.0   | 22.0   | 22.0   |

