**MODEL 862E | MERCOID® BY DWYER**

**EXPLOSION-PROOF, HEAVY-DUTY THERMOSTAT**

Line or Low Voltage, Heating or Cooling

The Model 862E Explosion-Proof, Heavy-Duty Thermostat is designed for hazardous-location temperature control of heating, cooling, or ventilation systems and features an adjustable set point knob for easy and convenient set point adjustment.

**FEATURES/BENEFITS**
- Adjustable deadband
- No cross ambient temperature effects
- Adjustable from minimum in °F and °C

**APPLICATIONS**
- Oil rigs or refineries
- Petrochemical plants
- Grain processing and storage facilities
- HVAC control

**SPECIFICATIONS**

**Service:** Compatible gases.

**Temperature Limit:** -49 to 176°F (-45 to 80°C).

**Enclosure Rating:** Explosion-proof NEMA 7 & 9, Class I, Divisions 1 & 2, Groups C & D; Class II, Division 1, Groups E, F & G; Class III, Zones 1 & 2, Groups IA & IIB.

**Switch Type:** SPDT snap action switch.

**Electrical Rating:** 22 A @ 480 VAC (res.), 1/2 HP @ 125 VAC, 1 HP @ 250 VAC.

**Electrical Connection:** Screw terminal.

**Conduit Connection:** 3/4” female NPT.

**Set Point Adjustment:** External knob.

**Adjustable Range:** 36 to 82°F (2 to 28°C).

**Deadband:** 2.5°F (1.5°C).

**Weight:** 2.1 lb (0.95 kg).

**Agency Approvals:** CSA, UL.

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**USA: California Proposition 65**

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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**SERIES DA-7035N | MERCOID® BY DWYER**

**TEMPERATURE SWITCH**

Bulb and Capillary, Inert Gas Fill

The Series DA-7035N Temperature Switch includes the same time-proven switching mechanism used in our Series DA pressure switches. Bourdon tube ensures high sensitivity and long life.

**FEATURES/BENEFITS**
- Adjustable deadband
- No cross ambient temperature effects
- Visible dial calibrated in both °F and °C
- Visible on/off indication

**APPLICATIONS**
- Mechanical process temperature monitoring

**SPECIFICATIONS**

**Service:** Compatible liquids or gases.


**Temperature Limit:** Process: See model chart; Ambient: 180°F (82°C).

**Pressure Limit:** 1500 psi (10.3 bar).

**Deadband:** 2.5°F (1.5°C).

**Weight:** 0.8 lb (0.36 kg).

**Agency Approvals:** CSA, UL.

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**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov