EXPLOSION-PROOF, HEAVY-DUTY THERMOSTAT
Line or Low Voltage, Heating or Cooling

Explosion-proof, heavy duty, the MODEL 862E Thermostat is designed for hazardous-location temperature control of heating, cooling, or ventilation systems and features an adjustable setpoint knob for easy and convenient setpoint adjustment.

FEATURES/BENEFITS
• Explosion-proof construction
• Lightweight and durable

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

SERIES DA-7035N | MERCOID® BY DWYER
TEMPERATURE SWITCHES
Bulb and Capillary, Inert Gas Fill

The SERIES DA-7035N Temperature Switches include 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.
Wetted Materials: Bulb and connection: 304 SS.
Temperature Limit: Process: See model chart; Ambient: 180°F (82°C).
Pressure Limit: 300 psi (20.6 bar).
Enclosure Rating: General purpose. Optional weatherproof and explosion-proof.
Repeatability: ±1% FS.
Switch Type: SPDT snap action switch. Optional DPDT snap and a variety of mercury switches.
Electrical Rating: 10 A @ 120/240/480 VAC.
Electrical Connections: Screw terminal.
Conduit Connection: 7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit hub.
Process Connection: 3/4" male NPT. Other sizes available.
Set Point Adjustment: External knobs for set point and reset point.
Weight: 5 lb (2.3 kg).
Deadband: Adjustable from minimum in model chart to full range. Optional low fixed deadband.
Capillary: 6" (1.8 m) standard. Ranges 1N to 7N, and 10N: copper. Ranges 8N, 9N, 11N: 304 SS.
Set Point Scale: Indication in °F and °C.
Options: See web page for additional option models such as: switch type enclosures, fixed deadband, longer or shorter capillary, armored capillary, well, two stage, 1/2" or 1" connection sizes, manual reset.