**FEATURES**
- Explosion-proof enclosure
- No exposed copper or brass
- Compact and lightweight
- CFC & mercury free
- Precision die-cast components
- Bimetal sensing element
- Corrosion resistant suitable for H2S environments
- Fast acting, reliable, unaffected by altitude

**APPLICATIONS**
Oil refineries, petrochemical plants, pulp and paper mills, coal mines, grain elevators, hazardous waste water storage facilities, other hazardous locations where specific explosion gases or dusts are present.

**INSTALLATION**
**CAUTION:** Electrician must have experience with Hazardous Location equipment. Disconnect and lock off power supply before wiring or servicing. All wiring must comply with local codes and ordinances.

1. Mount thermostat approximately 5 ft (1.5 m) above the floor where average room temperature will be sensed and air circulates freely. Keep thermostat away form hot and cold surfaces.
2. Wire switch terminals as per Fig. 1 or 2.
3. Install the cover using the 4 bolts supplied and tighten.
4. Fill any conduit opening using plug supplied.

**SPECIFICATIONS**
- **Service:** Compatible gases.
- **Temperature Limit:** -49 to 176°F (-45 to 80°C).
- **Electrical Rating:** Explosion-proof NEMA 7 & 9, Class I, Divisions 1 & 2, Groups C & D, Class II, Division 1, Groups E, F & G; Class II, Division 2, Groups F & G; Class III; Class I, Zones 1 & 2, Groups IIA & IIB.
- **Switch Type:** SPDT snap action switch.
- **Electrical Rating:** 22 A @ 480 VAC (res.), 1/2 HP @ 125 VAC, 1 HP @ 250 VAC.
- **Conduit Connection:** 3/4” female NPT.
- **Set Point Adjustment:** External knob.
- **Adjustment Range:** 36 to 82°F (2 to 28°C).
- **Deadband:** 2.5°F (1.5°C).
- **Weight:** 2.1 lb (0.95 kg).

**MAINTENANCE**
The Series 862E Thermostat is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.