

# HAZARDOUS LOCATIONS

## EXPLOSION PROOF BULB THERMOSTAT A19AUC-2



A19AUC-2

### DESCRIPTION

The **Johnson Controls Model A19AUC-2 explosion proof bulb thermostat** is an ideal solution for air or fluid temperature control in potentially hazardous areas. Its 6' capillary and bulb make mounting convenient, and its external setpoint adjustment knob provides easy operation without having to verify that the atmosphere is safe. An optional thermowell makes immersion applications a snap.

### FEATURES

- **Class I, Division 1, Group D (NEMA 7)**
- **Class II, Division 1, Groups E, F, and G (NEMA 9)**
- **Line or low voltage control of heating or cooling systems**
- **6' (1.83m) capillary for flexible bulb placement**
- **Immersion well available**
- **20° to 80°F range (celcius)**
- **Duct bulb holders available**

SPECIFICATIONS	
<b>Relay Type</b>	SPDT
<b>Non Inductive Amps</b>	22.0 A @ 277 VAC maximum
<b>Full Load Amps</b>	16.0 A @ 120VAC; 9.2 A @ 208 VAC; 8.0 A @ 240 VAC
<b>Locked Rotor Amps</b>	96.0 A @ 120 VAC, 55.2 A @ 208 VAC, 48.0 A @ 240 VAC
<b>Pilot Duty Range</b>	125 VA @ 24-600 VAC
<b>Differential</b>	20° to 80 (-7° to 27 )
<b>Bulb</b>	3.5 (1.9)
<b>Capillary</b>	0.38" x 4.97" (0.95 x 12.6 cm)
<b>Dimensions</b>	6' (1.83 m)
<b>Conduit Opening Area</b>	6.25" H x 3" W x 4.25" D (15.9 x 7.6 x 10.8 cm)
<b>Weight</b>	0.5" FNPT
<b>Approvals</b>	Explosion proof Class1, Division 1, Group D; Class II, Division 2, Groups E, F, G
<b>Warranty</b>	2.6 lb (1.2 Kg)
	UL File #E37739, CSA
	1 year

### INSTALLATION / MOUNTING

Each explosion proof box has mounting ears for surface applications and includes 3/4" FNPT tapped conduit entry on the top side.

### WIRING

C - N.C. Open on temp rise  
C - N.O. Close on temp rise

**A19AUC**

**CAUTION:** Conduit seal **MUST** be installed within code-required distance from thermostat to maintain explosion proof rating.

ORDERING INFORMATION	
<b>MODEL</b> A19AUC-2C	<b>DESCRIPTION</b> Explosion proof bulb thermostat
<b>TE-6001-1</b> <b>WEL14A-603R</b>	<b>RELATED PRODUCTS</b> Duct temperature element holder with box 5-13/16 Copper bulb well

8 HAZARDOUS LOCATIONS