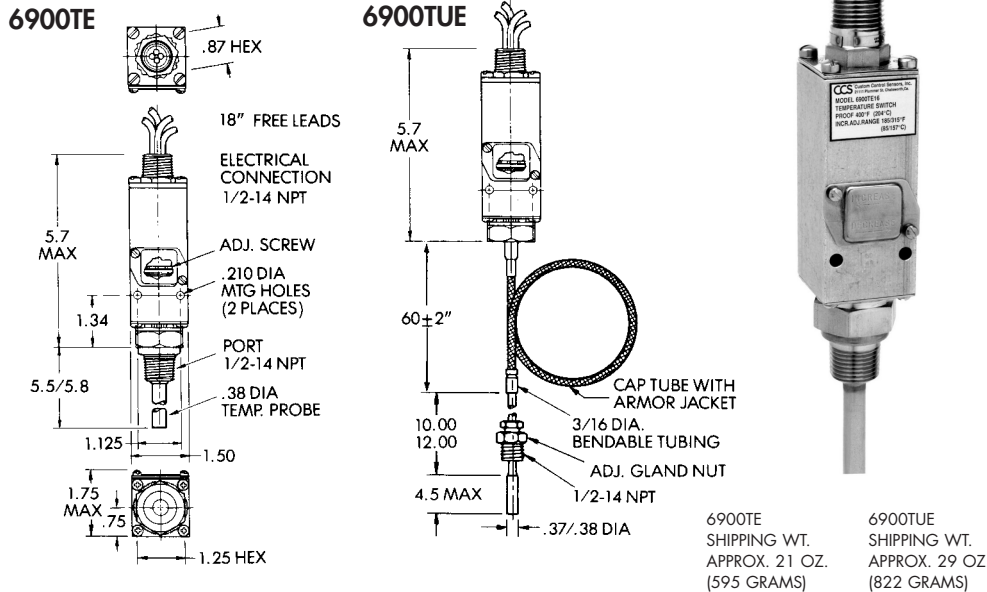


**INSTALLATION DRAWING**



Temp. 0 to 650° F

**SERIES:  
6900TE  
6900TUE**

**6900TE Models  
with Probe**

**6900TUE Models  
with Capillary Tube**

**Standard Features:**

- U.L./CSA
- Explosion Proof: Div. 1, 2
- NEMA: 4, 7, 9, 13

**AMBIENT TEMP. RANGE**

- 30° to 160° F
- 34° to 71° C

**OPERATING AND ORDERING DATA:**

TEMPERATURE SWITCHES MODEL 6900TE		STAINLESS STEEL TEMPERATURE PROBE		Wetted Parts		300 SST	
Maximum Probe Temperature Degrees F	Adjustable Set Point Range		Approx. Dead Band		Model Number		
	On Incr. Temperature Degrees F	On Decr. Temperature Degrees F	At Bottom of Range Degrees F	At Top of Range Degrees F	MODEL SPDT-Std.	MODEL DPDT "M"	
+200°	+20° to +120°	+0° to +113°	20°	5°	6900TE12	6900TEM12	
+300°	+80° to +205°	+60° to +198°	20°	5°	6900TE14	6900TEM14	
+400°	+185° to +315°	+165° to +308°	20°	5°	6900TE16	6900TEM16	
+500°	+280° to +405°	+260° to +398°	20°	5°	6900TE18	6900TEM18	
TEMPERATURE SWITCHES MODEL 6900TUE		STAINLESS STEEL TEMPERATURE PROBE WITH 5' CAPILLARY TUBE		Wetted Parts		300 SST & Graphite Lubricated Glass Fiber	
+200°	+20° to +120°	+0° to +113°	20°	5°	6900TUE12	6900TUEM12	
+300°	+80° to +205°	+60° to +198°	20°	5°	6900TUE14	6900TUEM14	
+400°	+185° to +315°	+165° to +308°	20°	5°	6900TUE16	6900TUEM16	
+500°	+280° to +405°	+260° to +398°	20°	5°	6900TUE18	6900TUEM18	
+650°	+385° to +565°	+360° to +555°	25°	10°	6900TUE20	6900TUEM20	
+700°	+465° to +650°	+440° to +640°	25°	10°	6900TUE22	6900TUEM22	

**Options Code:**

- "7001" 10' Capillary
- "7002" 15' Capillary
- "7003" 25' Capillary
- "7008" Gold Contacts
- "7042" SST Body
- "7043" SST Body & Gold Contacts
- "7052" Exp. Proof w/3' Leads
- "7054" Exp. Proof w/6' Leads
- "7076" Teflon Wire

**EXTERNAL PROBE PRESSURE**

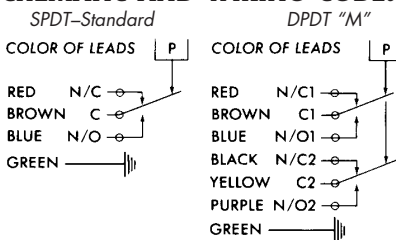
System Pressure: 1250 psi  
Proof Pressure: 1500 psi

**ELECTRICAL CHARACTERISTICS:**

RATING OF SWITCH ELEMENT

VOLTS	AMPERES	
	SPDT	DPDT "M"
	Res.	Res.
125 AC - 50/60 Hz	11	11
250 AC - 50/60 Hz	11	11
30 DC	5	5
125 DC	.5	.5

**SCHEMATIC AND WIRING CODE:**



**ENCLOSURE/CERTIFICATIONS:**

Div. 1 explosion-proof and hermetically sealed electrical assembly Part No. 46-1058 (46-1061 for "M" model option), listed by both Underwriter's Laboratories, Inc. (File No. E32961) and CSA Testing Laboratories (File No. 22921) for hazardous locations, Class 1, Groups A, B, C, and D; Class 2 Groups E, F, and G.

**HOW TO ORDER:** Specify model number, add desired "options" listing letter codes first followed by numbers:

See Page 23 for detail data on available Capillaries and Thermowells  
Custom Control Sensors, Inc. • 21111 Plummer Street, Chatsworth, CA 91311 • Tel: (818)341-4610 • Fax: (818)709-0426  
e-mail: switchnet@ccsdualsnap.com • http://www.ccsdualsnap.com