



# Gas Actuated Thermometers

## CBM, Lower, and Adjustable Angle Connection

### Remote and Direct Reading

Type TI.R45

## Thermometers

### Application

Power transformers, paper mills, refineries, petrochemical, food & pharmaceutical

### Size

4 1/2" (114.3 mm)

### Accuracy

1% of full scale

## Standard Features

### Case

Drawn stainless steel, aluminum, Phenolic/GRP

### Case Connection

CBM, Lower, and Adjustable Angle

### Process connection

Plain or union

### Bulb

3/8" diameter X 3" active length, plain or bendable extension

### Capillary

316 stainless steel; SS spring armor or SS interlocking armor; up to 99 feet

### Dials

White coated aluminum with black markings

### Pointer

Adjustable, balance, aluminum with matte black finish

### Ambient Error

0.25% at midscale of span per 25° F change in ambient temperature

### Window

Glass, acrylic, shatterproof glass

### Over Range

50% of span above top of range or 1300° F, which ever is lower.

### Operating Temperature

Middle 2/3 of the dial scale



Ranges	
Dual Scale F & C	
-320/100 F	-200/40 C
-120/120 F	-80/50 C
0/120 F	-20/50 C
0/160 F	-20/70 C
-40/180 F	-40/80 C
20/240 F	-10/115 C
0/300 F	-20/150 C
50/550 F	0/300 C
*400/1200 F	200/650 C
50/400 F	0/200 C

\*Requires High Temperature Option