

# Industrial Service Bimetal Thermometer (201T Series)

## Applications

- ◆ Corrosive media
- ◆ Chemical process, petroleum food industry
- ◆ Machine and plant engineering
- ◆ Piping, pressure vessels and industrial heating

## Temperature Element

Coiled bimetal

## Working Range

Maximum scale value



## Standard Specification Overview

### Dial Size

75mm, 100mm, 125mm, 150mm

### Reference Accuracy

±2.0% of Full Scale

### Scale Ranges \*

-50 ~ 0 ~ 500°C

\* For more information, see the ordering information table.

### Process Connection

PT ("R" in ISO) 1/2", NPT 1/2"

### Material

Case : 304 SS  
 Ring (Cover) : 304 SS  
 Connection : 304 SS  
 Stem : 304 SS  
 Window : Glass  
 Dial : White Aluminum with Black Graduations  
 Pointer : Aluminum Alloy, Black Finished

### Optional Extra

Code T1 Calibration Report by Manufacturer  
 Code T2 Calibration Report by KOLAS (ILAC-MRA)  
 Code SM Stem Material (316 SS)  
 Code ZA '0' adjustable  
 Code OE OEM Service for a specific customer

## Special Notes

## Ordering Information for 201T Series

Model	Description	Case & Ring	Connection / Stem			
201T	Industrial Service Bimetal Thermometer	304 SS	304 SS / 304 SS			
Code	Dial Size	Accuracy				
30	75mm	±2.0% of Full Scale				
40	100mm	±2.0% of Full Scale				
50	125mm	±2.0% of Full Scale				
60	150mm	±2.0% of Full Scale				
Code	Mounting Type	30	40	50	60	
A	Bottom Connection Stem Mounting	■	■	■	■	
D	Center Back Connection Stem Mounting	■	■	■	■	
----- To be continued on the next page -----						

Code	Process Connection Style	30	40	50	60
2	PT ("R" in ISO Standard)	■	■	■	■
3	PF ("G" in ISO Standard)	★	★	★	★
4	NPT	■	■	■	■
0	Others	☎	☎	☎	☎
Code	Process Connection Size	30	40	50	60
D	3/8"	★	★	★	★
F	1/2"	■	■	■	■
X	Others	☎	☎	☎	☎
Code	Range	30	40	50	60
XXX	Refer to the Temperature Range Code Table	■	■	■	■
Code	Sensor (Stem) Outer Diameter	30	40	50	60
M4	4.0 mm	★	★	★	★
M5	5.0 mm	★	★	★	★
M6	6.4 mm	■	■	■	■
M8	8.0 mm	★	★	★	★
M1	10.0 mm	★	★	★	★
Code	Sensor (Stem) Length, including socket length	Code	Sensor (Stem) Length, including socket length		
0075	75mm	0600	600mm		
0100	100mm	0650	650mm		
0150	150mm	0700	700mm		
0200	200mm	0750	750mm		
0250	250mm	0800	800mm		
0300	300mm	0850	850mm		
0350	350mm	0900	900mm		
0400	400mm	0950	950mm		
0450	450mm	1000	1000mm		
0500	500mm	XXXX	Other (specify the length in mm or inch)		
0550	550mm				
Code	Applicable Accessory Options	30	40	50	60
W1	with Thermowell (Refer to the accessory model 100)	★	★	★	★
J1	Swivel Nut	★	★	★	★
J2	Compression Fitting	★	★	★	★
J3	Adjustable Union	★	★	★	★
J4	Screw Union for 3/4"	★	★	★	★
J0	N/A	■	■	■	■
Code	Other Options	30	40	50	60
<u>Calibration Reports</u>					
T1	Calibration Report (Test Report) by Manufacturer	★	★	★	★
T2	Calibration Report (Test Report) by KOLAS	★	★	■	★
<u>Material Option</u>					
SM	Stem Material (316 SS)	★	★	★	★
<u>Other Option</u>					
ZA	"0" adjustable	★	★	★	★
OE	OEM Service for a specific customer	★	★	★	★
Sample Model Selection : 201T40A2F117M60100J0					
■ = Standard Products                      ★ = Available                      NA = Not Available					