

Gas Insertion Thermometers for Engine(309T Series)



Applications

- Diesel engines for monitoring
- Corrosive, Non-corrosive media
- Chemical process, petroleum food industry
- Machine and plant engineering
- Piping, pressure vessels and industrial heating
- Varying ambient condition
- Shock & vibration application

Temperature Element

Insert gas expansion system (non-toxic)

Working Range

Maximum scale value

Standard Specification Overview

Dial Size

100mm

Reference Accuracy

±1.0% of Full Scale

Scale Ranges *

0 ~ 800°C

* For more information, see the ordering information table.

Process Connection

BSP 1/2", NPT 1/2"

Material

Case : 304 SS

Ring(Cover) : 304 SS

Connection : 304 SS

Stem : 321 SS

Window : Glass

Dial : White Aluminum with Black Graduations

Pointer : Aluminum Alloy, Black Finished

Optional Extra

Code T1 : Test Report by Manufacturer

Code T2 : Test Report by KOLAS(ILAC-MRA)

Special Notes

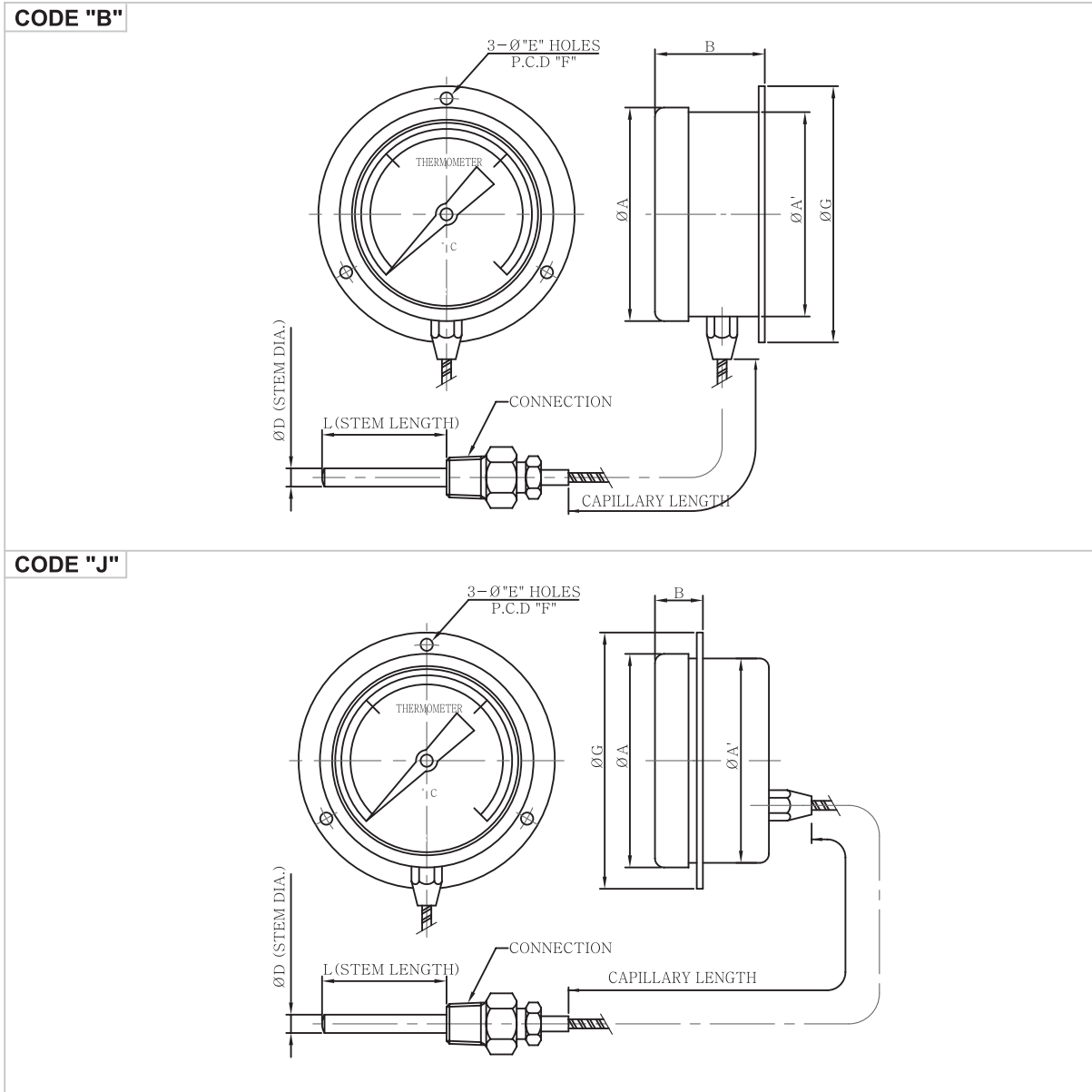
1. "0" adjustable : None

Ordering Information for 309T Series

Model	Description	Dial Size	Case & Ring	Stem Material	
309T	Gas Insertion Thermometers for Engine	100mm	304SS	316SS	
Code	Mounting Type			309T	
A	Bottom Connection Stem Mounting			■	
B	Bottom Connection Remote Surface Mounting			■	
F	Center Back Connection Stem Flush Mounting			■	
Code	Process Connection Style			309T	
2	PT("R" in ISO Standard)			■	
4	NPT			■	
5	BSP			■	
0	Others			☎	
Code	Process Connection Size			309T	
D	3/8"			★	
F	1/2"			■	
H	3/4"			★	
Code	Range			309T	
XXX	Refer to the Temperature Range Code Table			■	
Code	Capillary length			309T	
00	None			■	
10	1M			■	
15	1.5M			■	
20	2M			■	
30	3M			■	
40	4M			■	
50	5M			■	
60	6M			■	
XX	Others			☎	
Code	Sensor(Stem) Length, including socket length				309T
0075	75mm	0400	400mm	0750	750mm
0100	100mm	0450	450mm	0800	800mm
0150	150mm	0500	500mm	0850	850mm
0200	200mm	0550	550mm	0900	900mm
0250	250mm	0600	600mm	0950	950mm
0300	300mm	0650	650mm	1000	1000mm
0350	350mm	0700	700mm	XXXX	Other(specify the length in mm or inch)

Code	Applicable Accessory Options	309T
W1	with Thermowell(Refer to the accessory model 100)	■
J1	Swivel Nut	★
J2	Compression Fitting	★
J3	Adjustable Union	★
J4	Screw Union for 3/4"	★
Z0	"0" adjustable	★
J0	N/A	★
Code	Other Options	309T
Test Reports		
T1	Test Report by Manufacturer	★
T2	Test Report by KOLAS(ILAC-MRA)	★
Sample Model Selection : 309TA2F117F10M10100J0		
■ = Standard Products ★ = Available NA = Not Available		

■ Gas Insertion Thermometers for Engine(309T Series)



Code	Dial Size	Type	A	A'	B	E	F	G	H
40	ø100	BJ	111	101	53	5.5	115	128	97

HISCO HISCO, INC.

Agent : BWFA
 672, Hosu-ro, Ilsandong-gu, Gyeonggi-do, Korea
 T : 82-31-813-8562 F : 82-31-629-7856 E-mail : bwfalee@daum.net <http://www.bwfa.co.kr>