

# GAS EXPANSION THERMOMETER

## Remote Panel Mounted with Front Flange Type

222 SERIES

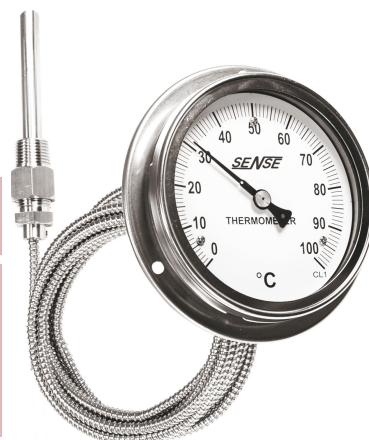
**SENSE  
TEC**

### APPLICATIONS

Expansion thermometers can be installed in or mounted at nearly all locations. Versions with capillaries are used in locations which are not easily accessible and where long distances have to be bridged.

### SPECIFICATIONS

Nominal Dial Size	Ø2½"(63mm) ; Ø3"(75mm) ; Ø4"(100mm) ; Ø5"(125mm) ; Ø6"(150mm)
Connection	Thread size: 1/4" ; 3/8" ; 1/2" ; 3/4" PT / NPT / PF (G, BSPP) Others available upon order Type: Rotary male thread with thread adapter (standard) Rotary female nut Compression fitting (sliding on probe)
Case	Stainless Steel 304, IP65
Window	Glass
Pointer and Dial	Aluminum
Capillary	Stainless steel 304 length 0.5~20 meters available
Probe Material	Stainless Steel 304 ; Stainless Steel 316
Probe Size	O.D. Ø6 / 6.35mm Min. insertion length 100mm O.D. Ø8mm Min. insertion length 75mm O.D. Ø9.5 / 10mm Min. insertion length 60mm O.D. Ø12mm Min. insertion length 50mm
Accuracy	±1 division
Optional accessory	Thermowell Electrical contacts

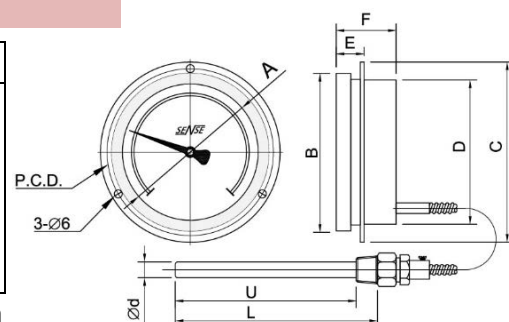


Dial	A	B	C	D	E	F	P.C.D.	d
2½"	55	64	88	63	16	40	75	6
3"	70	85	102	76	16	47	91	6.35
4"	102	119	137	108	22	48 <sup>(1)</sup>	123	8
5"	110	127	145	117	18	51	131	9.5
6"	140	160	191	148	18	47 <sup>(2)</sup>	176	10
								12

(1) If switch contact is installed, F = 80mm

(2) If switch contact is installed, the lens is acrylic and the lens height is 26mm (single contact) / 40mm (double contact)

Unit: mm



### HOW TO ORDER

222 -	Dial		Range (°C)		Capillary length	Standard Connection						Probe			
						Rotary male thread with thread adapter						Length	-	Dia.	-
	Size		Type			Shape		U_____	d6	SS304					
	25	2½"	-50/50	0/200		(fill in size)	2	1/4"	P	PT	M	Male	L_____	d6.35	SS316
	30	3"	-10/50	0/250		Meters	3	3/8"	N	NPT	F	female	fill in size after U or L	d8	
	40	4"	0/50	0/300		4	1/2"	F	PF			d9.5			
	50	5"	0/100	0/400		6	3/4"	M	MM			d10			
	60	6"	0/120	0/500		X	other	X	other			d12			
		0/150	0/600	O	without connection										

fill in size after U or L

Note if require other connection type

Example: 222-40-0/300-3M-4PM-U100mm-d12-SS304