

GAS EXPANSION THERMOMETER

Remote Wall Mounted Type

221 SERIES

APPLICATIONS

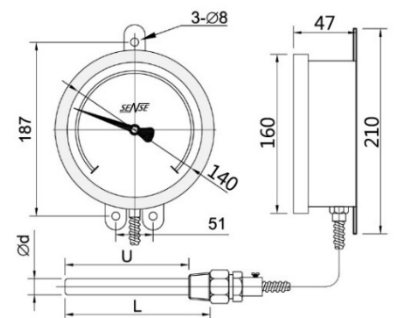
Expansion thermometers can be installed in or mounted at nearly all locations. Versions with capillaries are used in locations which are not easily accessible and where long distances have to be bridged.

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 O.D. Ø8mm O.D. Ø9.5 / 10mm O.D. Ø12mm	Min. insertion length 100mm Min. insertion length 75mm Min. insertion length 60mm Min. insertion length 50mm
Accuracy	±1 division	
Optional accessory	Thermowell Electrical contacts	



Three-ear type (only dial 6")

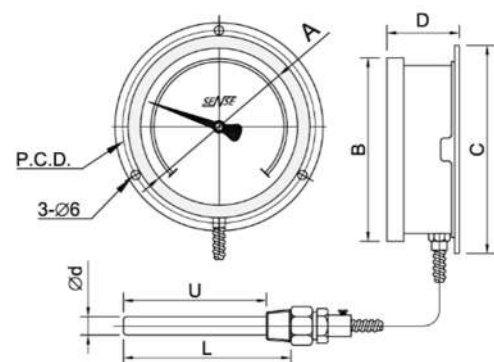


Dial	A	B	C	D	P.C.D.	d
2½"	55	64	88	40	75	6
3"	70	85	102	47	91	6.35
4"	102	119	137	48 ⁽¹⁾	123	8
5"	110	127	145	51	131	9.5
6"	140	160	191	47 ⁽²⁾	176	10
						12

(1) If switch contact is installed, $D = 80\text{mm}$

(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

221 -	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									

Note if require other connection type

Example: 221-40-0/200-3M-4PM-U75mm-d12-SS304