

Bimetal thermometers

all stainless steel

sliding connection

4220 Series

All stainless steel thermometers, CITEC 4220 Series, are designed for chemical, petrochemical, pharmaceutical, food, water treatment applications

Ø 100, 130

-20°C to 400°C, class 1

Product specifications

. Temperature range	-20°C to 400°C
. Accuracy class	1 according to EN 13190 (DIN 16203)
. Measuring element	bimetal coil
. Stem	316L stainless steel, Ø 6mm, option 8, 10, 12
. Case	304 stainless steel, Ø 100, 130, 160 in option
. Window	glass
. Connection	316L stainless steel sliding G1/2, NPT in option
. Thermowell (option)	316L stainless steel, Ø 10mm
. Dial	white aluminium, black lettering
. Adjustment	by screw located on the case
. Protection	IP55, IP65 in option



Order codes

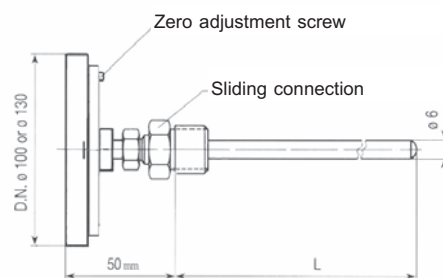


4224 Model

(supplied with sliding connection, without thermowell)

Measuring range	Ø 100		Ø 130	
	L 150	L 300	L 150	L 300
-20 +60°C	204 030	204 031	204 042	204 043
0 +60°C	204 032	204 033	204 044	204 045
0 +120°C	204 034	204 035	204 046	204 047
0 +160°C	204 036	204 037	204 048	204 049
0 +250°C	204 038	204 039	204 050	204 051
0 +400°C	204 040	204 041	204 052	204 053

L = stem length, sliding connection thread included

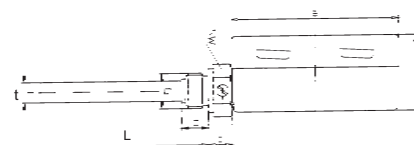


4221 Model

(supplied with connection, without thermowell)

Measuring range	Ø 100		Ø 130	
	L 150	L 300	L 150	L 300
-20 +60°C	204 060	204 061	204 072	204 073
0 +60°C	204 062	204 063	204 074	204 075
0 +120°C	204 064	204 065	204 076	204 077
0 +160°C	204 066	204 067	204 078	204 079
0 +250°C	204 068	204 069	204 080	204 081
0 +400°C	204 070	204 071	204 082	204 083

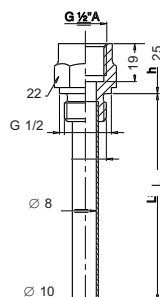
L = stem length, sliding connection thread included



Ø	a	b	c	d	SW	G	t
100	110	60	25	15	22	1/2	6
130	130	60	25	15	22	1/2	6

Thermowells order codes

L mm with thread	316L SS G1/2
50	220 215
100	220 220
150	220 225
200	220 226
300	220 230



Clamp thermowell

Welded, 316L stainless steel

L mm	DN38 (1,5")	DN51 (2")
50	220 215C38	220 215C51
100	220 220C38	220 220C51
150	220 225C38	220 225C51
flange Ø	50.5mm	64mm



Options

- . Other measuring ranges
- . Case Ø 63, 80, 160
- . NPT connection, add **N** to order code
- . Fixed connection, add **F** to order code
- . Stem Ø 8, 10, 12mm
- . Other stem lengths, max : 1000mm
- . AISI 316L case, add **S** at the end of the order code
- . ATEX EEX II2GDc version, add **A** at the end of the order code
- . IP65 version, add **P** at the end of the order code
- . Glycerin filled, add **E** at the end of the order code