

GAS FILLED THERMOMETERS



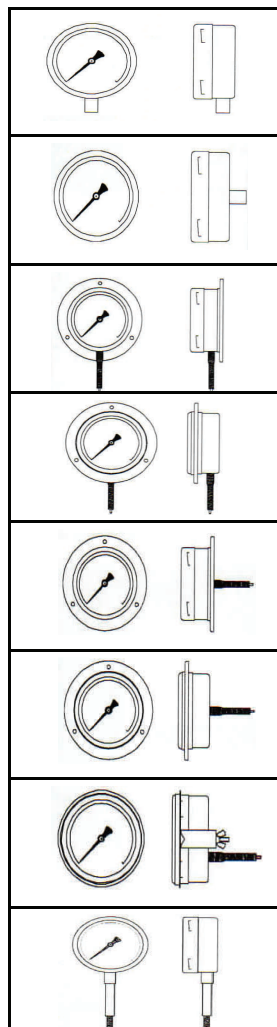
TYPE: TXC4.0XB-3-SA-150-E-02-T20

Industrial thermometers for general applications as well as foodstuffs due to their non-toxic gas filling.

Supplied with a 304 stainless steel case IP65 rated makes them suitable for Australia's harsh environmental conditions, these thermometers are available in nominal diameters of 63mm, 100mm and 150mm, with ranges from -200 deg C up to 800 deg C and are available with a dry or Glycerine filled case for when vibration is present. The accuracy on all units is class 1 +/- 1.0% of full scale deflection.

Materials and the construction of these thermometers can be changed around to suit your application i.e. capillary and or bulb material and lengths, capillary protection, various connections and special dial markings. As options we are able to offer with electrical contacts, 4-20mA transmitters, maximum or minimum pointers, as well as a full range of screwed or flanged thermowells.

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|---|-----------------|
| TYPE | MOUNTING |
| TXRxxXA
DIRECT MOUNT RIGID STEM AT
BOTTOM | |
| TXRxxXE
DIRECT MOUNT RIGID STEM AT
REAR | |
| TXCxxXB
SURFACE MOUNT FLEXIBLE
CAPILLARY AT BOTTOM
BACK "3" HOLE FLANGE | |
| TXCxxXD
FLUSH MOUNT FLEXIBLE
CAPILLARY AT BOTTOM
FRONT "3" HOLE FLANGE | |
| TXCxxXF
SURFACE MOUNT FLEXIBLE
CAPILLARY AT REAR
BACK "3" HOLE FLANGE | |
| TXCxxXG
FLUSH MOUNT FLEXIBLE
CAPILLARY AT REAR
FRONT "3" HOLE FLANGE | |
| TXCxxXH
PANEL MOUNT FLEXIBLE
CAPILLARY AT REAR
"U" CLAMP FIXING | |
| TXRxxXA
DIRECT MOUNT RIGID STEM
AND FLEXIBLE CAPILLARY
AT BOTTOM | |



RANGE DEG C	DIVISIONS	CODE
-200-50	5C	T01
-100 +100	5C	T02
-100 +50	5C	T03
-60 +60	2C	T04
-50 +50	2C	T05
-40 +40	1C	T06
-40 +60	2C	T07
-30 +30	1C	T08
-30 +50	1C	T09
-20 +40	1C	T10
-20 +60	1C	T11
-20 +120	2C	T12
-10 +50	1C	T13
0-60	1C	T14
0-80	1C	T15
0-100	2C	T16
0-120	2C	T17
0-160	5C	T18
0-200	5C	T19
0-250	5C	T20
0-400	10C	T21
0-600	10C	T22
0-800	10C	T23

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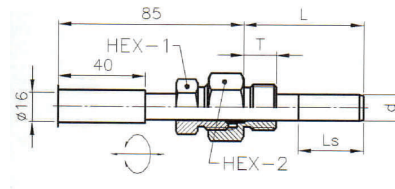
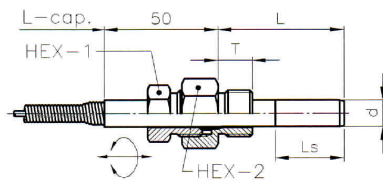


GAUGE DIAMETER	CODE	2.5	4.0	6.0
	DIAMETER	63mm	100mm	150mm

CAPILLARY LENGTH Customer to specify in metres

CAPILLARY TYPE	CODE	O	S	SA	SP
		None	321 Stainless Steel	321 stainless steel with 304 Stainless Steel Armour Protection	321 Stainless Steel with PVC Protection

BULB LENGTH **L LENGTH** Customer to specify in mm



Distance reading bulb with flexible capillary

Direct mounting with fixed bulb

BULB DIAMETER	CODE	A	B	C	D	E	F	G
	D DIAMETER mm	6	6.35	8	11	12.5	13	14

CONNECTION SLIDING COMPRESSION	CODE	01	02	03	04	05	06	08
	SIZE	PLAIN	1/2" BSP	3/4" BSP	1" BSP	1/2" NPT	3/4" NPT	1" NPT
	T LENGTH mm	NIL	14	16	18	20	20	25

OPTIONS: Glycerine Filled - **OF**
 Electrical Contacts - **EC**
 Special Dial markings - **SD**

Maximum Pointer - **MP**
 Perspex Window - **PW**

P/N EXAMPLE

TYP E	DIAMETER	MOUNTING	CAPILLARY LENGTH	CAPILLARY TYPE	BULB L= LENGTH	BULB DIAMETER	CONNECTION	RANGE	OPTIONS
TXC	4.0	XB	3	SA	150	E	02	T20	