

Description & Features:

- A durable and accurate thermometer with a rigid connection
- Separable thermowell
- Rugged steel case
- Bi-metallic element
- Dual scale (°F & °C)
- Back or bottom connected
- 1/2" NPT process connection
- ASME B40.200 compliant
- 5 year warranty

Applications:

- Hot water lines, boilers and hydronic heating

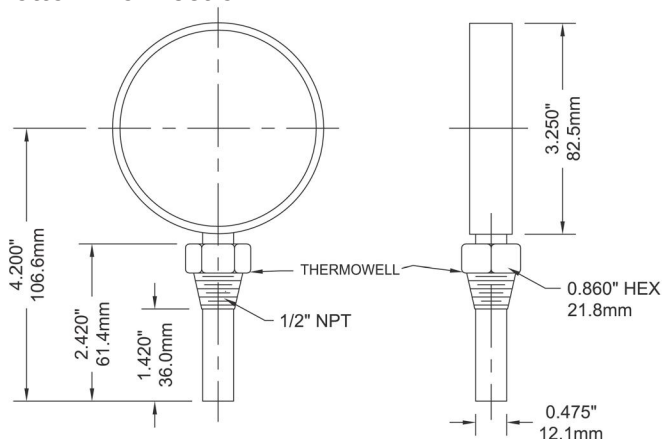
Specifications	
Dial	3.5" (90mm), aluminum with black markings
Case	Steel
Lens	Glass
Ring	Steel, chrome plated
Stem	Brass
Thermowell	Brass, 1/2" NPT (standard), separable
Sensing Element	Bi-metallic coil
Pointer	Aluminum, painted black
Over Range Enclosure Rating	±25% of full scale value
Reset	Standard
Ambient Temperature	-22°F to 158°F (-30°C to 70°C)
Process Temperature	-22°F to 250°F (-30°C to 120°C)
Accuracy	±2% of full scale
Enclosure Rating	IP50
Warning	 WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov .

Order Codes (products in bold are normally stock in North America)

Range	Bottom	Back
30°F to 250°F & 0°C to 121°C	TBT165	TBT160
0°F to 120°F	-	TBT161

Other ranges and connection sizes available upon request.

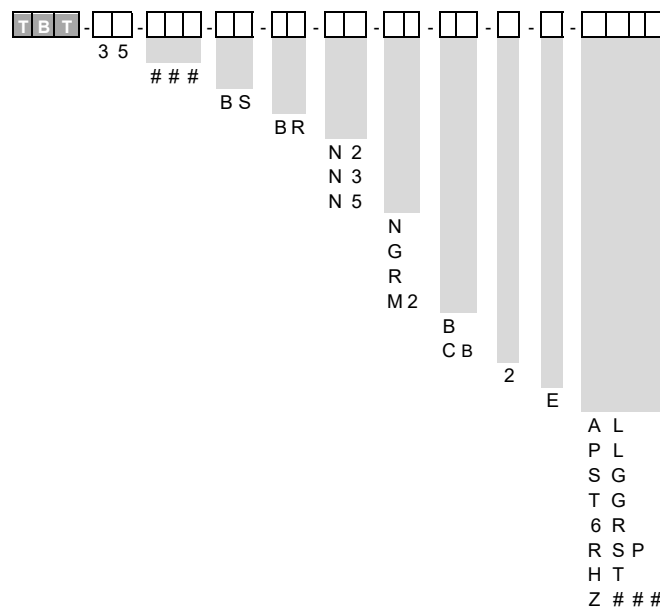
Bottom Connection



Engineering Codes

TBT SERIES

DIAL SIZE	3.5" (90mm)
PRESSURE SCALE & RANGE	SEE TEMPERATURE RANGES BELOW
CASE MATERIAL	BLACK STEEL
WETTED PARTS	BRASS/BRONZE
PROCESS CONNECTION SIZE (MALE)	1/2"
	3/8"
	3/4"
PROCESS CONNECTION TYPE	NPT
	BSPP (G), PARALLEL
	BSPT (R), TAPERED
	M20*1.5
PROCESS CONNECTION LOCATION	BOTTOM, STEM
	CENTRE Back
STEM LENGTH	2.5"
ACCURACY %	2.0
OPTIONS, LIST IN ALPHA-NUMERIC ORDER	ACRYLIC LENS
	POLYCARBONATE LENS
	SAFETY GLASS, LAMINATED
	SAFETY GLASS, TEMPERED
	316SS POLISHED RING
	RED SET POINTER
	HEAT TRANSFER COMPOUND
	SPECIAL



Temperature Ranges

F & C, DUAL SCALE	CODE
30/250°F/C	T01
0/120°F/C	T02