

XT025 - Capillary Liquid Expansion Thermometers



Features

- Thermometer with stainless steel bezel and capillary stem
- High quality liquid expansion measuring system
- Choice of back flange for surface mounting or front flange for panel mounting
- Plastic coated bronze or full copper capillary (dependant on temperature range)
- Supplied complete with brass pocket
- Choice of temperature ranges and stem lengths
- **Brannan** quality and accuracy
- For dry indoor installations
- Wide range of associated accessories available (see Accessories section of this catalogue)

Standard Product Specifications

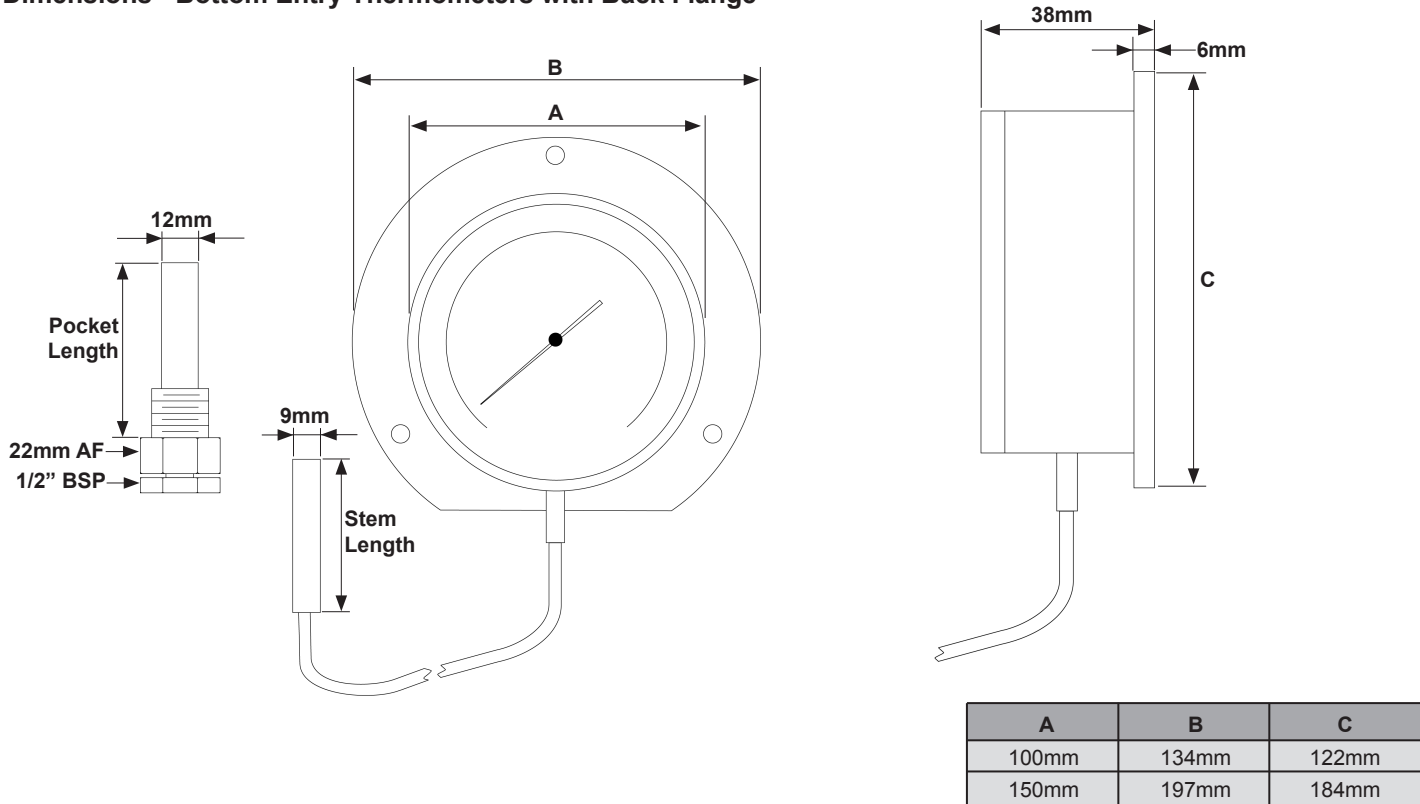
Dial Diameters	100mm & 150mm
Design	BS EN 13190
Accuracy Class	2
Ranges	-20 to +60°C&F through to 0 to +250°C&F
Case	Black steel
Bezel	304 Stainless Steel
Connection	1/2" BSP bottom connection with back flange or back connection with front flange
Stem Lengths	75mm, 150mm & 200mm
Pocket Lengths	50mm, 100mm & 150mm
Capillary	1.5m, 3m & 5m Ranges up to +200°C - plastic coated bronze. Ranges over +200°C - full copper capillary
Sensor Mechanism	Liquid expansion (Kerosene filling)
Window	PMMA
Pointer	Black plastic
Filling	Dry
Operating Temperature	-40 to +80°C
Storage Temperature	-40 to +60°C
Protection	IP 54 (BS EN 60529:1992)
Calibration	UKAS certification, certificate traceable to Recognised National Standard or Statement of Conformity, if required

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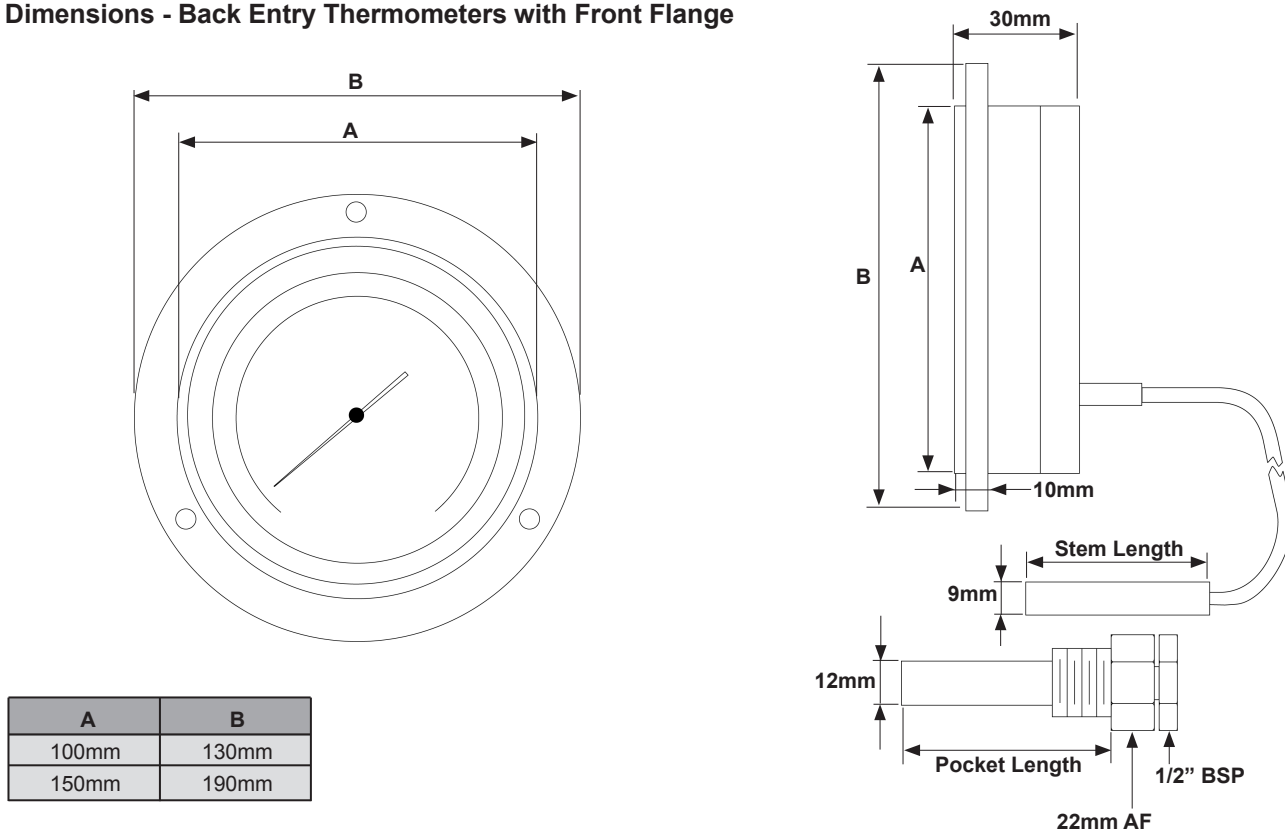
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XT025 - Capillary Liquid Expansion Thermometers (continued)

Dimensions - Bottom Entry Thermometers with Back Flange



Dimensions - Back Entry Thermometers with Front Flange



Product Data Sheet



XT025 - Capillary Liquid Expansion Thermometers (continued)

Standard Product Numbers

The following are our standard product numbers. Special products can be supplied on request, for example, customer own branding, alternative connection, range, etc. Minimum order quantities apply. Please contact our Sales Team for further information.

Bottom Entry (with back flange) - 100mm Diameter Dials

Range	Stem(S) Length / Pocket(P) Length (mm)								
	1.5m Capillary			3m Capillary			5m Capillary		
	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150
-40 to +40°C only	91/621/0	91/621/1	91/621/2	91/631/0	91/631/1	91/631/2	91/651/0	91/651/1	91/651/2
-20 to +60°C&F	91/624/0	91/624/1	91/624/2	91/634/0	91/634/1	91/634/2	91/654/0	91/654/1	91/654/2
0 to +120°C&F	91/626/0	91/626/1	91/626/2	91/636/0	91/636/1	91/636/2	91/656/0	91/656/1	91/656/2
0 to +250°C&F	91/628/0	91/628/1	91/628/2	91/638/0	91/638/1	91/638/2	91/658/0	91/658/1	91/658/2

Bottom Entry (with back flange) - 150mm Diameter Dials

Range	Stem(S) Length / Pocket(P) Length (mm)								
	1.5m Capillary			3m Capillary			5m Capillary		
	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150
-40 to +40°C only	91/921/0	91/921/1	91/921/2	91/931/0	91/931/1	91/931/2	91/951/0	91/951/1	91/951/2
-20 to +60°C&F	91/924/0	91/924/1	91/924/2	91/934/0	91/934/1	91/934/2	91/954/0	91/954/1	91/954/2
0 to +120°C&F	91/926/0	91/926/1	91/926/2	91/936/0	91/936/1	91/936/2	91/956/0	91/956/1	91/956/2
0 to +250°C&F	91/928/0	91/928/1	91/928/2	91/938/0	91/938/1	91/938/2	91/958/0	91/958/1	91/958/2

Back Entry (with front flange)- 100mm Diameter Dials

Range	Stem(S) Length / Pocket(P) Length (mm)								
	1.5m Capillary			3m Capillary			5m Capillary		
	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150
-40 to +40°C only	92/621/0	92/621/1	92/621/2	92/631/0	92/631/1	92/631/2	92/651/0	92/651/1	92/651/2
-20 to +60°C&F	92/624/0	92/624/1	92/624/2	92/634/0	92/634/1	92/634/2	92/654/0	92/654/1	92/654/2
0 to +120°C&F	92/626/0	92/626/1	92/626/2	92/636/0	92/636/1	92/636/2	92/656/0	92/656/1	92/656/2
0 to +250°C&F	92/628/0	92/628/1	92/628/2	92/638/0	92/638/1	92/638/2	92/658/0	92/658/1	92/658/2

Back Entry (with front flange)- 150mm Diameter Dials

Range	Stem(S) Length / Pocket(P) Length (mm)								
	1.5m Capillary			3m Capillary			5m Capillary		
	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150	S=75/P=50	S=150/P=100	S=200/P=150
-40 to +40°C only	92/921/0	92/921/1	92/921/2	92/931/0	92/931/1	92/931/2	92/951/0	92/951/1	92/951/2
-20 to +60°C&F	92/924/0	92/924/1	92/924/2	92/934/0	92/934/1	92/934/2	92/954/0	92/954/1	92/954/2
0 to +120°C&F	92/926/0	92/926/1	92/926/2	92/936/0	92/936/1	92/936/2	92/956/0	92/956/1	92/956/2
0 to +250°C&F	92/928/0	92/928/1	92/928/2	92/938/0	92/938/1	92/938/2	92/958/0	92/958/1	92/958/2

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All information on this data sheet is correct at time of printing.



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