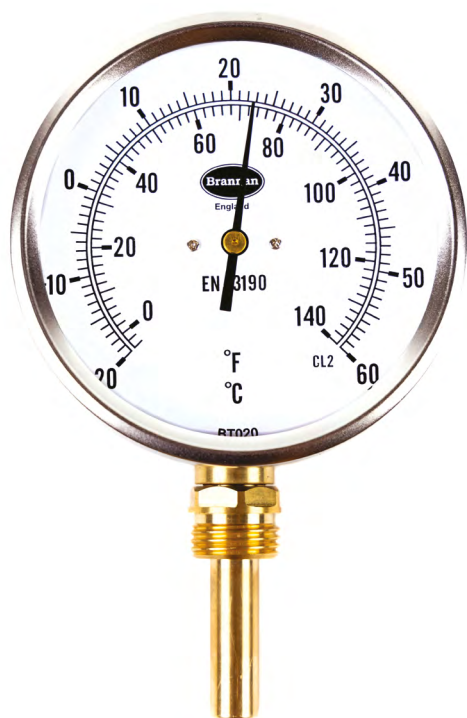


BT020

Commercial bimetal thermometer



Product features:

- Thermometer with stainless steel bezel and brass stem
- Wide choice of temperature ranges and stem lengths
- Supplied with push-on brass pocket
- For dry indoor installations
- Wide range of associated accessories available
- **Brannan** quality and accuracy

Applications:

- Heating
- Air conditioning
- Refrigeration
- Ventilation

Standard product specifications:

BT020	
Standards & categories	
Design	BS EN 13190
Dial construction	
Case	Black steel
Bezel	Stainless steel - rolled
Connection orientation	Bottom or back
Connection material	Brass
Pocket material	Brass
Pointer	Black aluminium
Sensor mechanism	Bimetal coil
Window	Acrylic
Ranges & parameters	
Dial diameter	100mm (4")
Stem length	Min: 50mm / Max: 300mm
External pocket diameter	12mm
Ranges	-20 to 60°C and -4 to 140°F through to -20 to 260°C and -4 to 500°F
Thread size	1/2" BSP, NPT or BSPT push fit
Accuracy class	2 (as per BS EN 13190)
Filling	Dry
Protection	IP 54 (BS EN 60529:1992)
Optional extras	
Calibration	Certificate traceable to recognised national standard or statement of conformity if required
Accessories	Pockets, self sealing test plugs

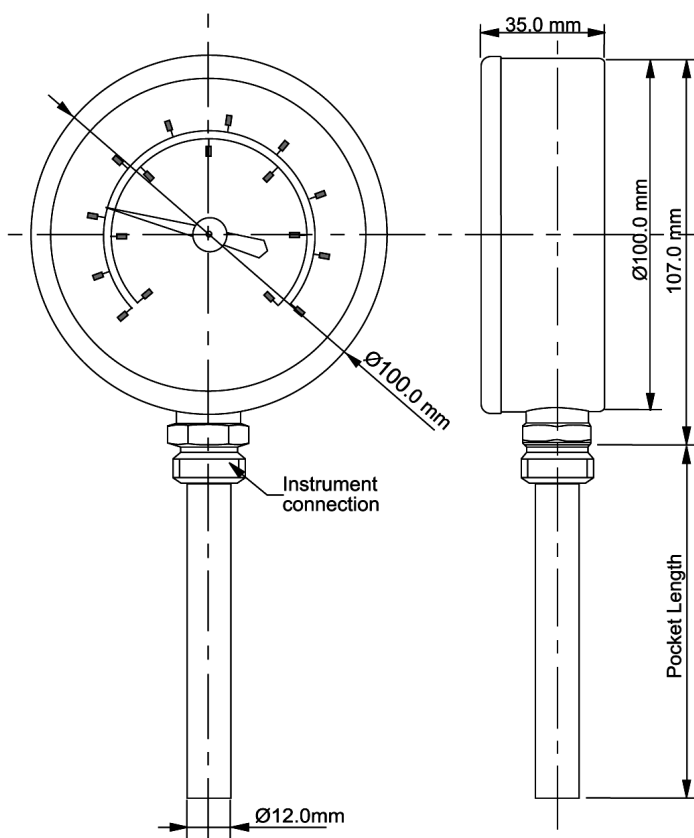
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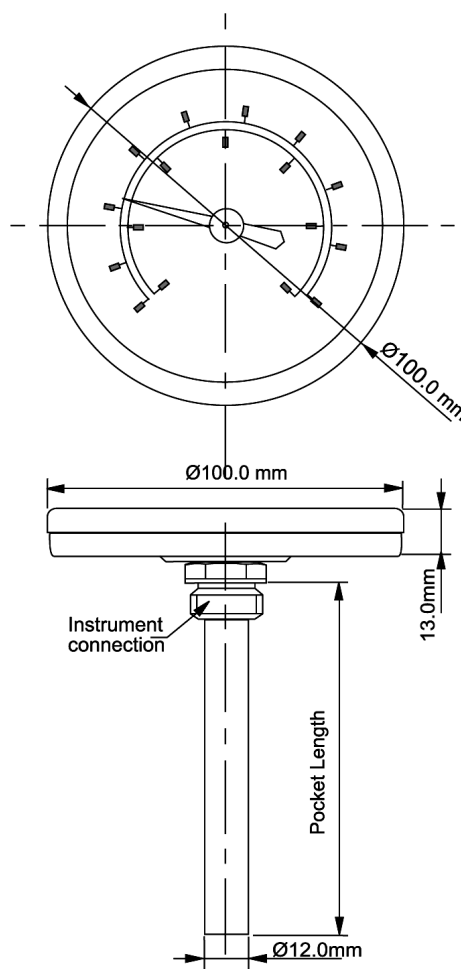
Commercial bimetal thermometer

Product dimensions:

Ø100mm dial thermometer - bottom entry



Ø100mm dial thermometer - back entry



Weights and packaging dimensions:

	100mm (4") bottom connection			100mm (4") back connection		
	50mm Pocket	100mm Pocket	150mm Pocket	50mm Pocket	100mm Pocket	150mm Pocket
Dial net weight	225.5g	259.5g	264.0g	151.0g	183.0g	189.0g
Box weight	54.0g	67.0g	83.5g	51.5g	67.0g	83.5g
Gross weight	282.0g	329.5g	349.5g	205.5g	252.0g	274.0g
Box dimensions	175 x 115 x 59mm	225 x 115 x 59mm	275 x 115 x 59mm	75 x 118 x 115mm	135 x 118 x 115mm	185 x 118 x 115mm

Replacement pockets

Connection	Supplied as standard / on special request	Material	Product numbers	
			L=50mm	L=100mm
Sliding fit F x 1/2" BSP M	Standard	Brass	39/097/0	39/098/0
Sliding fit F x 1/2" BSP M	Special request	Stainless steel	39/095/0	39/096/0



Commercial bimetal thermometer

Product numbers:

The following products are usually kept in stock at Brannan and can therefore be ordered on the below numbers:

BT020 Ø100mm (4") dial thermometers (°C outer scale - black, °F inner scale - black)

Range °C&F	1/2" BSP bottom connection			1/2" BSP back connection		
	50mm pocket	100mm pocket	150mm pocket	50mm pocket	100mm pocket	150mm pocket
-20 to +60°C&F	32/624/0	32/644/0	32/664/0	31/624/0	31/644/0	31/664/0
0 to +120°C&F	32/621/0	32/641/0	32/661/0	31/621/0	31/641/0	31/661/0
0 to +160°C&F	32/628/0	32/648/0	-	-	-	-

Other BT020 dials are ordered to specific customer specifications.

Please use below matrix to create your unique ordering product reference, using the values in bold.

Make	Model	Dial diameter	Range	Units	Pocket length (incl. thread)	Connection size/type	Connection orientation
Brannan (BRN)	BT020 (BT20)	100mm (4") (100)	Celsius	°C outer / °F inner (CF)	50mm (50)	1/2" BSP (7)	Bottom (BO)
			-20+60				
			0+120		100mm (100)	1/2" NPT (8)	Back (BK)
			0+160				
			0+200	°F outer / °C inner (FC)	150mm (150)	1/2" BSPT (12)	
			-20+260				
			Fahrenheit	°C only (C)	200mm (200)		
			0+140		250mm (250)		
			+30+250	°F only (F)	300mm (300)		
			+30+320				
			+50+400				
			+50+500				
			NB. Other ranges available on request			NB. Other connections available on request	

Order example:

Make	Model	Dial diameter	Range	Units	Pocket length (incl. thread)	Connection size/type	Connection orientation
BRN	BT20	100	-20+60	C	150	7	BO

Product reference: BRNBT20/100/-20+60/C/150/7/BO

Pre-calibrated bimetal thermometers

Brannan offer a range of dial thermometers supplied complete with 3 point calibration certificate, available be immediate despatch.

Product numbers:

Range °C&F	1/2" BSP bottom connection		1/2" BSP back connection	
	50mm pocket	100mm pocket	50mm pocket	100mm pocket
-20 to +60°C&F	32/624/9	32/644/9	31/624/9	31/644/9
0 to +120°C&F	32/621/9	32/641/9	31/621/9	31/641/9

