MODELS- 975, 2050

Any-Angle Stainless Steel Thermometer

Blanes PRESSURE SOLUTIONS CC

An high technical specification and wide range of standard features make the Any Angle Thermometers an ideal designed for process, petrochemical and hygienic applications. Standard features include, fast, accurate and repeatable readings, fully adjustable display head, user calibration (External Zero Adjustment standard on 2050-Model), all stainless steel construction.

STANDARD SPECIFICATION
Any-Angle Stainless Steel Thermometer
(Weatherproof Construction to IP66)

Temperature element
(a) Bi-Metal System 2050
(b) Inert Gas System 975

Case
316 Stainless Steel Weatherproof Construction

Bezel
316 Stainless Steel

Dial
White Anodised Aluminium (Black Printing)

Pointer
Aluminium Black Finish
Standard on 975
Slot Adjustable on 2050

Stem
Stainless Steel
Bi-Metal - Dia 6,8,10,12mm
(1000 mm Max Stem Length)
Gas Filled - Dia 6,8,10,12, or 12.7mm
(Lengths See Chart on Page Two)

Window
Sheet Glass

Standard Size
100, 125, 150 mm

Accuracy class
Bi-Metal
Gas filled
(See Charts on Page Two)

Scale Range
Bi-Metal - 50 up to 600 deg C.
Gas Filled - 100 up to 650 deg C.
(See standard scale range data sheet)

Thermowells See separate data sheet for details.

Model-975

See Page-2 for Dimension,

Optional Extras
- Pointer: Aluminium Black Finish Slot Adjustable on Model-975
- Window: laminated Safety Glass / Perspex.
- Thermowells: to user specification.
- Additional Variations: On request

Ordering Parameters, Please state the following: SIZE, MODEL NO, SCALE RANGE, CONNECTION, & OPTIONAL EXTRAS

Specifications and dimensions in this leaflet, are subject to change without prior notice.

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Any-Angle Stainless Steel Thermometer

Stem Minimum Lengths Gas filled

Stem Dia ø mm	Min Length Under Comp Fitting mm
6	293
8	196
10	85
12	65
12.7	65

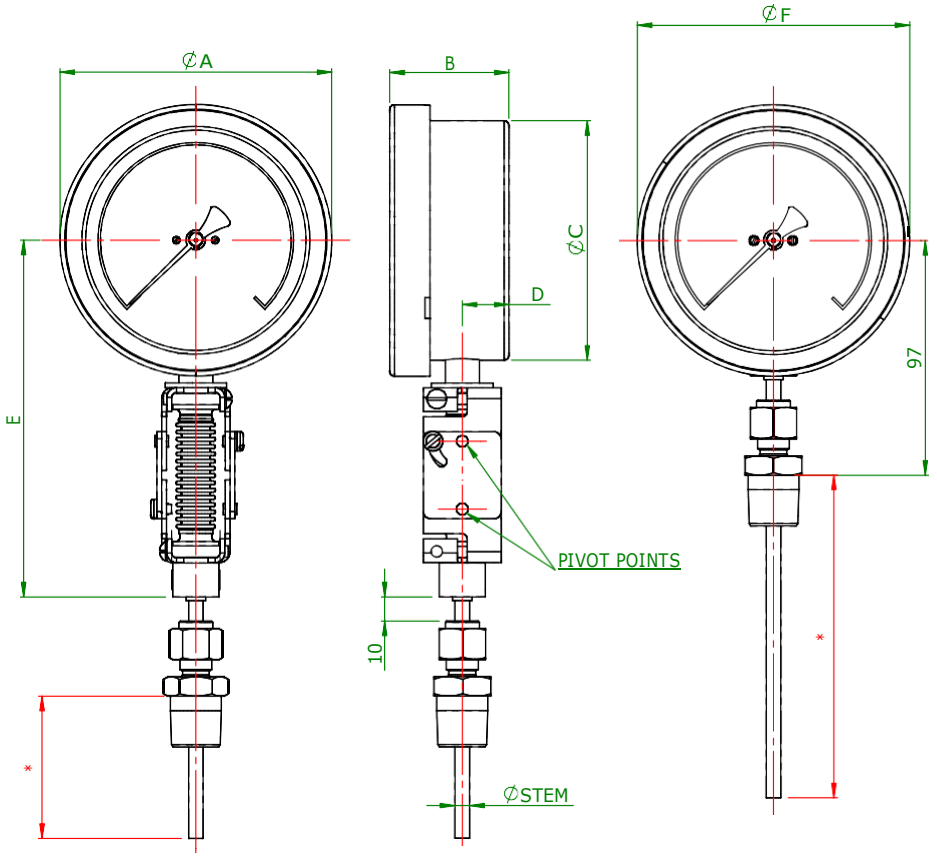
Accuracy Class Bi-Metal

Range °C	Accuracy	Range °C	Accuracy
-20 to 60	+-2%	-50 to 100	+-2%
0 to 60	+-2%	0 to 200	+-2%
0 to 80	+-2%	0 to 250	+-2%
0 to 100	+-2%	0 to 300	+-2.5%
0 to 120	+-2%	0 to 400	+-3%
0 to 160	+-2%	0 to 500	+-3.5%

Optional ± 1% up to 250°C

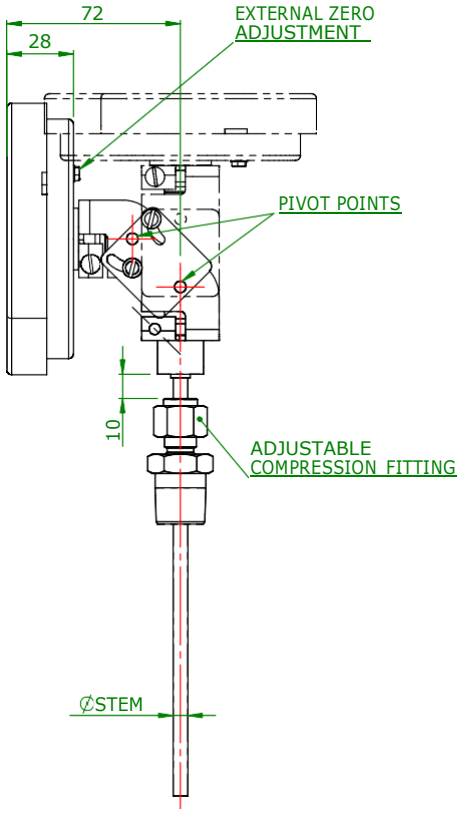
Accuracy Class Gas Filled

Nominal range °C	Measuring range °C	Limits of error °C	
		Class 1	Class 2
-20 to 40	-10 to 30	1	2
-20 to 60	-10 to 50	1	2
-20 to 120	-10 to 110	2	4
-30 to 30	-20 to 20	1	2
-30 to 50	-20 to 40	1	2
-30 to 70	-20 to 60	1	2
-40 to 40	-30 to 30	1	2
-40 to 60	-30 to 50	1	2
-100 to 60	-80 to 40	2	4
0 to 60	10 to 50	1	2
0 to 80	10 to 70	1	2
0 to 100	10 to 90	1	2
0 to 120	10 to 110	2	4
0 to 160	20 to 140	2	4
0 to 200	20 to 180	2	4
0 to 250	30 to 220	2.5	5
0 to 300	30 to 270	5	10
0 to 400	50 to 350	5	10
0 to 500	50 to 220	5	10
0 to 600	100 to 500	10	15
0 to 700	100 to 600	10	15
50 to 650	150 to 550	10	15
100 to 700	200 to 600	10	15



MODEL # 975
Gas Filled System

*As specified by customer



MODEL # 2050
Bi Metal System

General Arrangement Dimensions in mm, Tolerance ± 1mm						
Dim / ø mm	A	B	C	D	E	F
100 (4")	112	48.5	99	19	150	112
125 (5")	128.5	48.5	114.5	19	159	128.5
150 (6")	162	48.5	148	19	175	172

STEWART-BUCHANAN GAUGES LTD

Sales Office & Manufacturing Facility - 7 Garrell Road, Burnside Industrial Estate, Kilsyth, Glasgow G65 9JX, SCOTLAND
Tel: +44 (0)1236 821533 | Fax: +44 (0)1236 824090 | E-mail: sales@stewarts-group.com | Web: stewarts-group.com

DATA SHEET REF: AnyAngleTherm-REV01-16