



Budenberg

Made in Britain

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Model: 32, 33, 34, 54

An impressive technical specification and wide range of standard features make this thermometer the obvious choice for a wide range of process and engineering applications.

Primarily designed for the harshest of environments the models 32,33,34,& 54 is especially suitable for places which are subject to high ambient temperatures.

Built to BS EN 13190:2001 this range is manufactured to compliment the Budenberg ranges of pressure gauges. We can also supply Gas filled and Bi-Metallic thermometers and are able to offer all types with Thermowells

Size

100 mm (4") & 150mm (6")

Mounting

Surface and Flush

Case & Bezel

Metal Duotone Grey finish.

Optionally:

St Steel, DMC (150mm only) or Vinyl coated Cast Iron (Weatherproof)

Scale Ranges

-35 to 600 deg C

With a minimum range of 50 deg C

Single and dual scales are available

Bulb Material

Carbon Steel

Optionally 316 Stainless Steel

Over-temperature

Units can be built to withstand significant over range temperatures on request.

Connection Sizes

3/4" BSP standard

1/2" or 1" BSP/NPT (Others available on request)

Connection Material

Nickel Plated Brass

Stainless Steel available as an option

Accuracy Class

CL:1 1.0% of FSD to BS EN 13190:2001.

Bulb Diameter

14.3mm and 10.3mm as standard

Other non standard sizes available as an option

Bulb Length

Varies with temperature range and diameter of dial.

LIQUID EXPANSION THERMOMETER RIGID STEM MERCURY IN STEEL



Dial

White Anodised Aluminium marked in black finish
Single or dual scale

Pointer

Stainless steel coloured black
Options: Set pointer available

Movement

Brass

Fitted with oil impregnated sintered bronze bushes
Bi-metallic temperature compensator.

Window

3mm Laminated Safety Glass (Standard)

Option: Acrylic Plastic Window

Environmental Rating

IP55

IP66 when specified with weatherproof cast iron case.

Traceability

All instruments are individually calibrated and have an unique Serial Number printed on the dial. A Certificate of Conformity Traceable to National Standards is Supplied Free of Charge Full Calibration certificates available at extra charge.

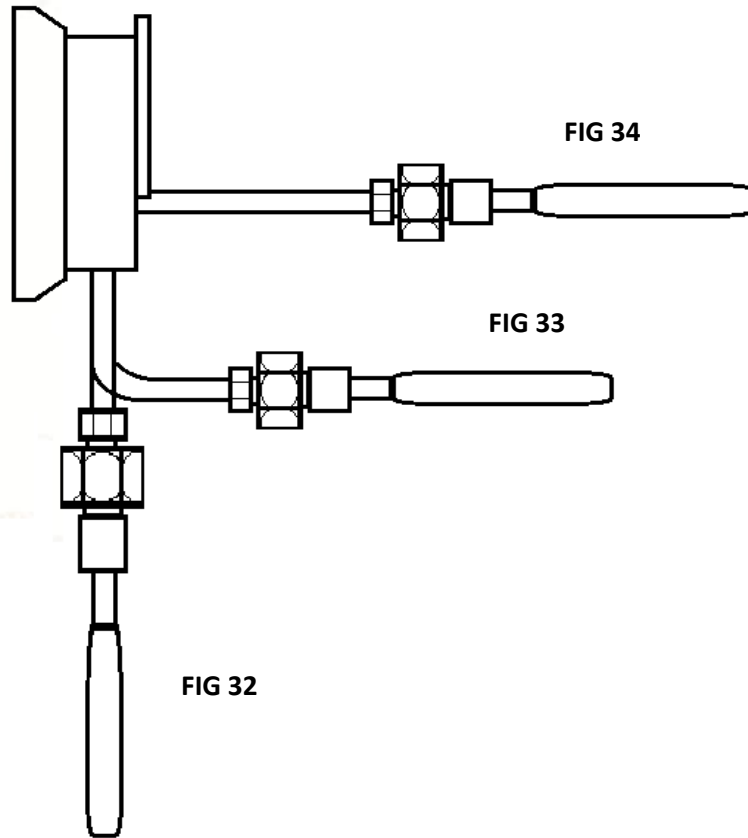
Contacts and Switches

MIS thermometers can be provided with:

Model 134 Reed Switches

Model 144 Magnetic Assisted switches

Model 129 mercury switches



Straight Stem	Angke Stem	Back Entry Stem			100mm	150mm	200mm	Case Material
					4"	6"	8"	
Fig 32	Fig 33	Fig 34			■	■	■	Metal Case
Fig P32	Fig P33	Fig P34			■	■		DMC Case
Fig 52	Fig 53	Fig 54			■			St Steel Case
Fig 42	Fig 43	Fig 41				■		Cast Iron & Vinyl Coated.

Accessories

A wide range of thermowell styles and materials are available - See separate datasheet for details.