



VAPOUR FILLED THERMOMETER

Type V3: Stainless steel and brass construction

Service Intended

Suitable for media such as air, water, oil, gas, and chemicals that will not attack brass parts. Typical applications will be in demanding automotive, portable air compressors / generators and earth moving equipment where distance reading is required. Vibration resistant.

Nominal Case Sizes

50, 63, 80, 100mm diameter.

Case Material

Stainless Steel.

Mounting Method

Rear entry with front mounting flange. See "Mounting Configuration D, F and Y"

Probe

Flexible copper capillary with brass probe. See "Standard Probe and Fitting Size".

Bezel

Nitrile Rubber self sealing type.

Window

Glass or plexiglass.

Dial

White aluminium. Black lettering. Other options on request.

Pointer

Black aluminium.

Sensing Element

Bourdon tube, vapour expansion system.

Working Range

Steady: 90% of full scale value.

Fluctuating 75% of full scale value.

Short period: 110% of full scale value.

Accuracy

Class 2: 2% of FSD.

Weather Protection

IP 65 water and weather proof.

Liquid Filling

Glycerine or silicone filling.

Optional Extras

Calibration Certificate

Customized scale plates (customer logo, red line, etc)

Special Dials, other than standard

Colour Coding of dial

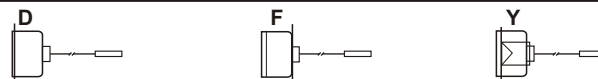


Narrow front ring clamp mounting



3 hole front flange

MOUNTING CONFIGURATIONS



D: Rear connection, 3 hole front flange

F: Rear connection, 3 hole rear flange

Y: Rear con. narrow front ring (clamp mounting)

STANDARD PRESSURE RANGES

Scale range °C	Figure interval	Minor graduations
40...120 °C	10	2
40...160 °C	20	2

STANDARD PROBE AND POCKET SIZES

Probe	: 7mm dia x 34mm long (Sensitive L= 34mm) (standard sizes, other sizes on request.)
Pocket thread size	: 1/4", 3/8", 1/2" BSP or NPT male
Pocket length	: 31mm including thread