

Sprinkler Gauge



Application

For the measurement of fluid liquids that are not:- highly viscous, high temperature (over 60° C), likely to solidify/crystallize or corrosive to copper or tin alloys.

Glycerine filled gauges are particularly suited to applications where oscillating/surging pressures or vibration are present. The damping effect of the glycerine will steady the pointer making it easier to take a reading against the scale.

Description

Nominal Size: 100mm

Accuracy: +/- 1.6% FSD

Scales: PSI Outer (Black) & BAR Inner (Red) - Pressure

Ranges: 0/16bar or 0/16bar& psi

Mounting Options:

Bottom - Direct Mounting

Operating Temperature: Ambient: -20/+60°C Medium: +60°C maximum

Temperature Effect:

Variation in indication caused by temperature $\pm 0.04 \times (t_2 - t_1)\%$ of the span
t1 is the reference ambient temperature in °C
t2 is the ambient temperature in °C

Ingress Protection:

IP 65 as per EN 60529

Case & Crimped Bezel: 304 Stainless Steel

Window: Polycarbonate - Crystal clear

Pressure Element

CU Alloy - Sealed Bourdon tube

C-Type <100 BAR

Coiled Type >100 BAR

Joints: Soldered with tin/silver alloy

Movement: High Precision Brass

Process Connection & Block

Brass - 3/8" BSP (parallel) male (standard)

Pointer: Aluminium - Black

Dial: Aluminium - White

Filling: FDA Approved food grade glycerine

Special Options

1/2" BSPT no loss adaptor