

# 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 - C-Type Bourbon Tube

**Joints:** Soldered with tin/silver alloy

**Movement:** Brass

## Process Connection & Block

Brass - 3/8" BSP parallel male standard

**Pointer:** Aluminium - Black

**Dial:** Aluminium - White

**Filling:** Glycerine

**Special Options:** 1/2" BSPT no loss connection