

## 4" CVS Safety Gauge

### Safety Gauge Design:

This gauge is designed with many safety features to minimize personnel injury, property damage and more importantly, gauge failures. Our manufacturing specifications require that our gauge must have the following capabilities.

1. 130% full scale pressure without loss of accuracy.
2. 300% full scale pressure without rupture of the bourdon tube.
3. Conform to accuracy specifications BSS 1780.

### Glycerine or Silicone filled Gauges:

Glycerine and silicone are viscous in nature and will act as a dampening agent, and provide excellent lubrication minimizing wear on internal components. Corrosive and dirty atmospheres are virtually eliminated by having the internal components immersed in fluid. When compared to a dry gauge a liquid filled gauge will last approximately 10 times longer in any given application.

### Size:

4" (100mm)

### Ranges (All ranges not stocked)

Vacuum / Compound  
Pressure from 15 psi to 30,000 psi  
100 kPa to 200,000 kPa

### Operating Temp.

-40° C to 95° C  
-40° F to 200° F)

### Special Features:

All Stainless steel construction (316 S ST)  
304 Stainless steel bayonet ring  
Window-Laminated safety glass  
Pulsation Dampener Plate  
Adjustable Pointer  
Blowout Protection  
Sealed Case  
316 Stainless steel Movement  
**Dial:** White aluminum with black/red lettering



Material: 316 stainless steel

All our gauges in excess of 1000 psi or 7000 kPa have a spiral bourdon tube.

**Mounting Configuration:** Bottom Mount (BM)

**Window Gasket:** Neoprene or Viton

**Order Options:** (Min. order may apply)

Custom Dial layout

Silicone and Fluorolube fill

316 SS Threaded Restrictor

Additional pressure scales available

-kPa, Bar, Kg/cm<sup>2</sup> and dual scales

Drag Pointer

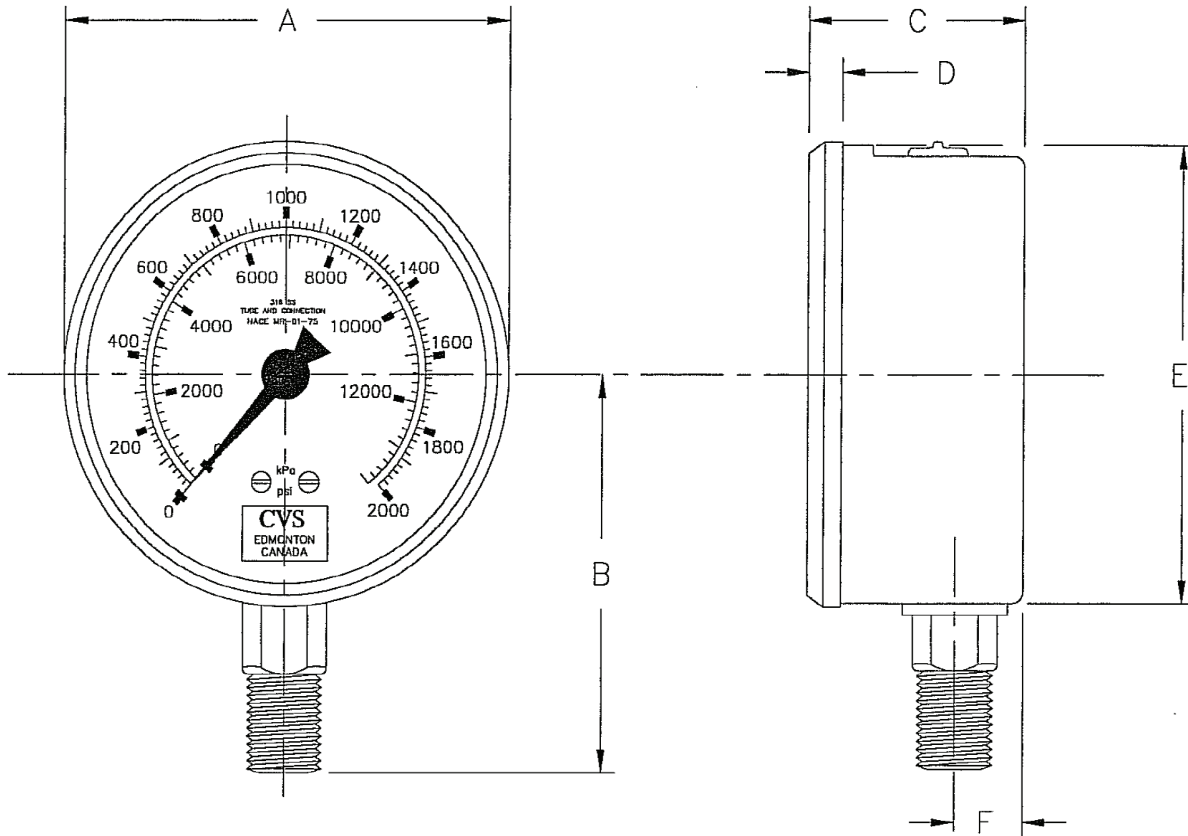
We warrant our pressure gauges to be free of defects in materials and workmanship. Replacement of any defective gauge will be made at no cost to the purchaser.

We will repair any of our gauges that have malfunctioned. These units will receive cleaning, four point calibration, testing, and thorough inspection before leaving CVS Controls Ltd.

For applications where temperatures are below -40° C to 95° C (-40° F to 200° F). Please consult with a CVS sales representative.

**Warning:** Glycerine filled gauges should **NOT** be used in chlorine service.

# 4" CVS Safety Gauge Dimensional Data



MODEL	WEIGHT	KEY	A	B	C	D	E	F
233.54 4"	1.10 lbs. +0.66 lbs. if filled	mm	100	87	49.5	8	100	15.5
		in	4	3.43	1.95	0.31	3.94	0.61