

PRESSURE GAUGE CHEMICAL SEAL / ISOLATOR



SIGMAMOTOR

Provides isolation from hazardous or corrosive fluids



Bayonet ring twists off for easy pressure switch adjustment. Simply move the red indicator.

Sigmamotor pressure gauge isolators allow standard pressure gauges to be used in corrosive services.

The upper section (gauge side) is filled with glycerine. A diaphragm separates the glycerin from the lower section which connects to the pressure source.

A 1/2" FNPT port is provided for connection to the pressure source.

Features

- CNC precision machined parts
- Body Material - PVC, CPVC, Polypropylene, PVDF, PTFE, 316SS
- Diaphragm Material - Viton, PTFE or EPDM
- Cost effective and reliable
- 2.5" Dial
- Pressure Ranges: 0-30PSI, 0-60PSI, 0-100PSI, 0-160PSI, 0-200PSI
- Pre-filled with glycerin between gauge and diaphragm

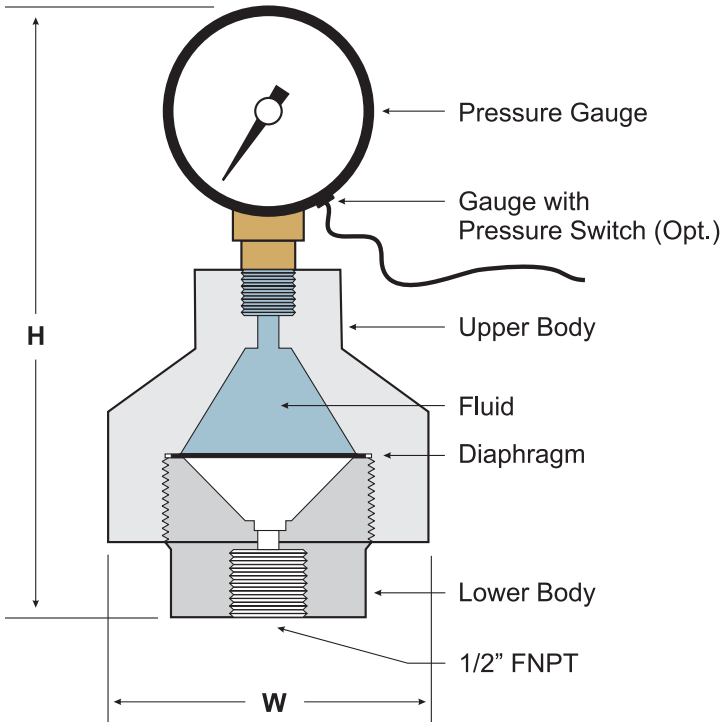
Options

- Integral, adjustable pressure switch assembly can be adjusted to any pressure value between minimum 2% and maximum 90% of full scale value*.
 - Reed switch output
 - Max switching capacity: 10WDC / 10VAC
 - Max switching voltage: 75VDC / 50 VAC
 - Max switching current: 0.5A DC or AC with resistive load
 - Max switching hysteresis: 2.5%
- Various other gauge configurations available.

**Front facing gauge only*

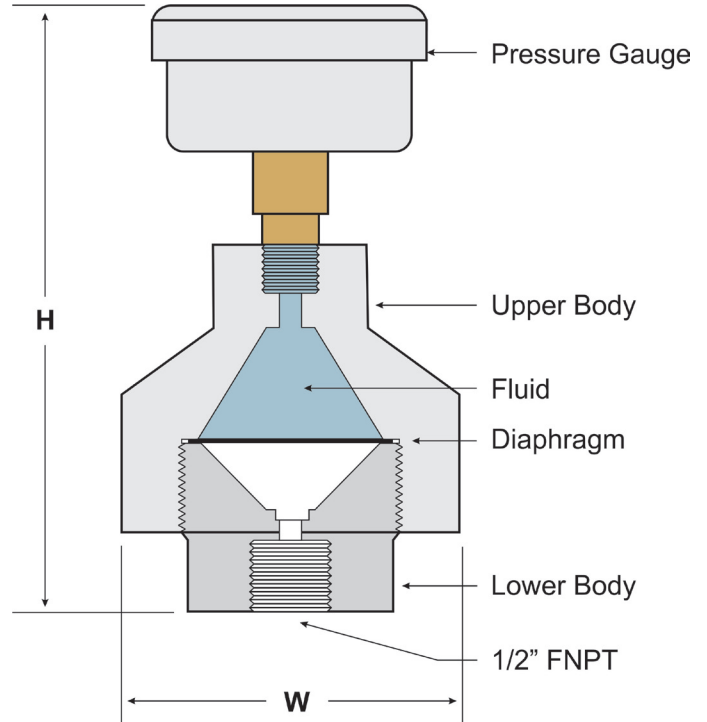
PRESSURE GAUGE ISOLATORS

Cutaway View



FRONT FACING GAUGE

H = 6" (typical) may vary with gauge selection.
W = 3.2"



TOP FACING GAUGE

H = 5.3" (typical) may vary with gauge selection.
W = 3.2"

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