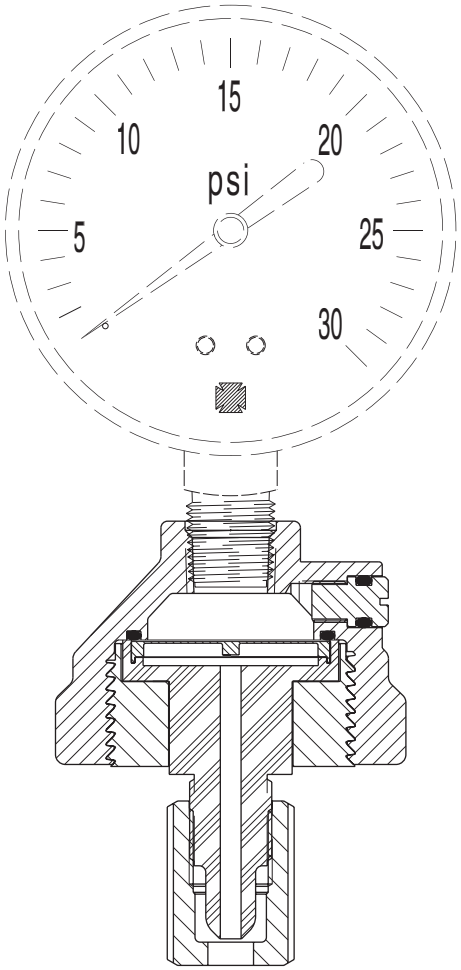
Product Overview

The PFA Gauge Protectors are designed for use in high purity semiconductor applications, and are also ideally suited for use in ultra-pure water and aggressive chemicals. They protect sensitive gauges from corrosive chemicals and are offered with or without a gauge. They can be fitted with factory supplied gauges and can also be fitted with customer specified or customer supplied gauges upon request.

Features	Benefits
One piece precision machined diaphragm manufactured from the latest technology modified PTFE, provides over five times the flexural life as compared to conventional PTFE.	**Higher cycle life resulting in less downtime and lower replacement costs.**
PTFE and PFA wetted surfaces.	**Eliminates contamination and fluid compatibility issues.**
Tongue and groove diaphragm to body seal.	**Assures barrier between operating fluid and isolation media.**
Suitable for pressure, vacuum, and dual range operation.	**Reduces number of device installations for varying pressure ranges.**



Specifications

Materials of Construction:

Wetted Surfaces - PFA, Modified PTFE
External Surfaces - PFA, PVDF, EPR (Fill screw seal)

Pressure Range:

0 to 160 PSIG (11 bar)

Pressure ranges above are for operation at ambient temperature. For use at higher temperatures consult Pressure/ Temperature chart on page 3.

Temperature Ranges:

0° - 212° F (-17° -100° C) Ambient
0° - 400° F (-17° - 204° C) Fluid

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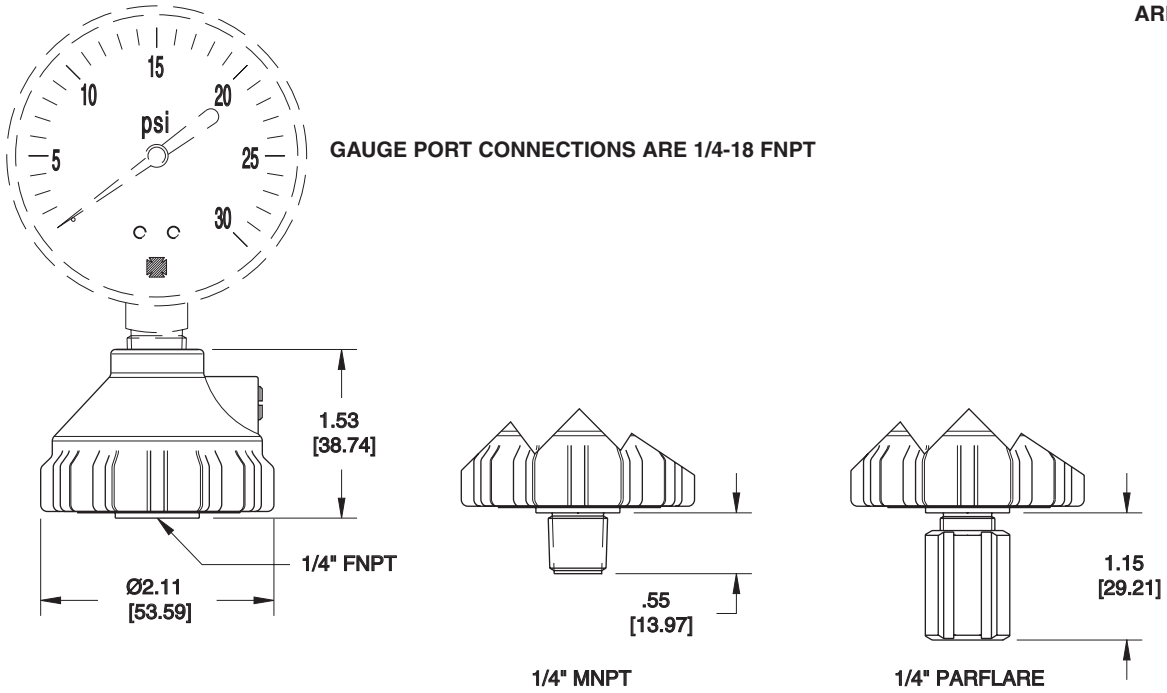
BRACKETED DIMENSIONS ARE IN mm.



GAUGE PORT CONNECTIONS ARE 1/4-18 FNPT

1/4" MNPT

1/4" PARFLARE

Model Number	*Process Port Configuration*	*Gauge Pressure (PSIG)*
GP-130-00	1/4" FNPT	NONE
GP-530-00	1/4" MNPT	
GP-630-00	1/4" Parflare	

Model Number	*Process Port Configuration*	*Gauge Pressure (PSIG)-XX*
GP-131-XX	1/4" FNPT	01 = 0-30 PSIG 02 = 0-60 PSIG 03 = 0-160 PSIG
GP-531-XX	1/4" MNPT	
GP-631-XX	1/4" Parflare	

Isolation Fluid: 50/50 mix of deionized water and isopropyl alcohol (Standard unless otherwise specified.)

Factory Gauge: 2-1/2” dial
Brass movement
Painted steel case
Glass lens
1/4” MNPT lower mount

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