

Differential Gauge - Piston Type



1000 SERIES

- Accurately measures the pressure drop across filters, pumps, strainers, separators and valves
- Maximum static or working pressure to 6,000 psi
- 2-1/2 and 4-1/2 inch sizes - back or side connected
- Rugged case construction with weather-resistant NEMA 4X enclosure
- Single piece construction of ceramic magnet/piston minimizes “blow by” and increases accuracy
- Optional liquid filling lubricates gauge internals and extends service life by dampening the effects of vibration, pulsation and shock
- Media leakage within the sensor body is by design and kept to a minimum through precise engineering specifications
- Shipped with a certificate of calibration to ensure accuracy and quality performance
- Cost effective

SPECIFICATIONS

Nominal Sizes	2-1/2 Inch (63.5mm) 4-1/2 Inch (114.3mm)
Case and Bezel Material	Fiberglass reinforced thermoplastic
Lens	Acrylic – Standard Laminated safety glass – optional
Sensor Housing Material	Black anodized aluminum – standard 316L Stainless steel – optional
Sensor Material	316 Stainless steel and ceramic piston/magnet
O-Ring Material	Viton – standard Buna N – optional Ethylene propylene – optional
Process Connection	1/4" NPT Female, back connection – standard 1/4" NPT Female, side connection – optional
Accuracy	±2% of Full Scale on rising pressure
Dial	Aluminum, white background with black markings
Pointer	Balanced aluminum, black finish
Gauge Fill Fluid	Glycerine – optional Others available – please consult factory
Operating Temp.	-40°F to 200°F (-40°C to 93°C)
Ranges	0 to 5 psid through 0 to 100 psid
Max. Working Static Pressure	6000 psig

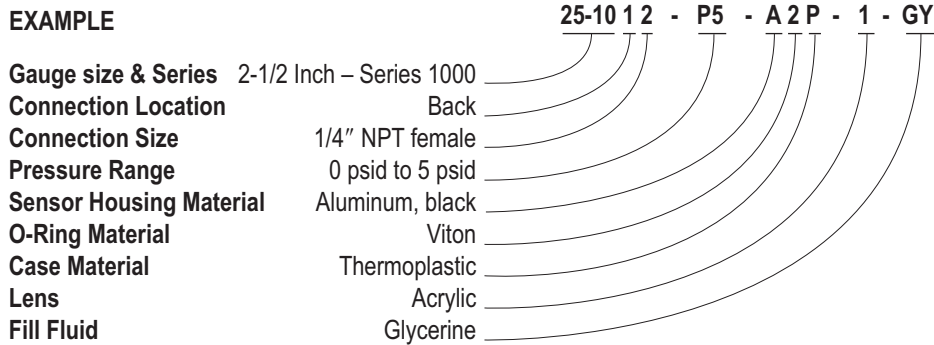
APPLICATIONS

- Filters
- Flow indicators
- Heat exchangers
- Back flow restrictors
- Hydraulic and pneumatic systems
- Water treatment systems
- Pumps and compressors
- Industrial machinery and machine tools

ORDERING INFORMATION												
GAUGE SIZE & SERIES	25 - 10	2-1/2 Inch	45 - 10	4-1/2 Inch								
CONNECTION LOCATION	1	Back	2	Side								
CONNECTION SIZE	2	1/4" NPT Female										
PRESSURE RANGE	P5	0 to 5 psid	P15	0 to 15 psid	P25	0 to 25 psid	P50	0 to 50 psid	P75	0 to 75 psid	P100	0 to 100 psid
SENSOR HOUSING MATERIAL	A	Aluminum, black	S	316L Stainless steel								
O-RING MATERIAL	2	Viton	3	Buna N	4	Ethylene Propylene						
CASE MATERIAL	P	Thermoplastic										
LENS	1	Acrylic	2	Safety Glass	3	Acrylic with MIP	4	Acrylic with Alarm Contacts				
FILL FLUID	GY	Glycerine	SL	Silicone	HL	Halocarbon						

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

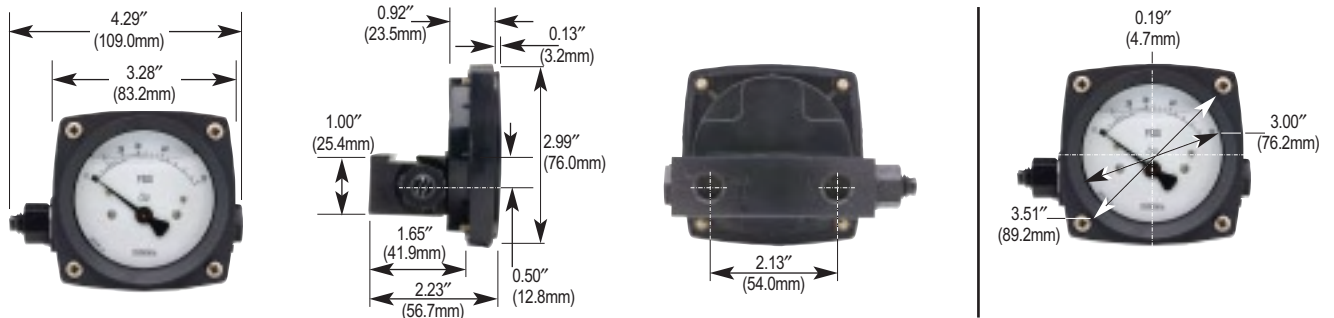
EXAMPLE



OUTLINE DIMENSIONS

PANEL CUT-OUT DIMENSIONS

2-1/2 Inch Gauge



4-1/2 Inch Gauge

