

Differential Gauge - Membrane Type Nominal Static Pressure



1300 SERIES

- Designed for integral process applications requiring nominal static and low differential pressure measurement
- Maximum static or working pressure to 600 psi
- Full scale accuracy of $\pm 1\%$, on rising pressure - zero adjustment standard
- 4-1/2 and 6 inch sizes – top & bottom, or back connected
- Durable case construction with weather-resistant NEMA 4X rating & shatter-resistant acrylic lens
- A bi-directional overpressure valve protects the sensor membrane from damage
- 316L Stainless steel wetted parts
- Optional liquid filling lubricates gauge internals and extends service life by dampening the effects of vibration, pulsation and shock
- Shipped with a certificate of calibration to ensure accuracy and quality performance

SPECIFICATIONS

Nominal Sizes	4-1/2 Inch (114.3mm) 6 Inch (152mm)
Dial Case Material	Black anodized aluminum – standard 316L Stainless steel – optional
Bezel Material	316L Stainless steel
Lens	Acrylic – standard Laminated safety glass – optional
Sensor Housing	316L Stainless steel
Membrane Fill	Halocarbon
Sensor Element	316L Stainless steel (NACE compliant)
O-Ring Material	PTFE, Viton or Buna N – optional
Process Connection	1/4" NPT Female, dual top & bottom – standard 1/4" NPT Female, back connection – optional
Movement	Stainless steel
Accuracy	$\pm 1\%$ of Full Scale on rising pressure
Dial	Aluminum, black background with white markings – standard Aluminum, white background with black markings – optional
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 100 inH ₂ O through 0 to 400 psid
Max. Working Static Pressure	600 psig

APPLICATIONS

- Settings which include caustic liquid or gaseous media and/or low temperature gases
- Filters
- Flow indicators
- Heat exchangers
- Back flow indicators
- Hydraulic and pneumatic systems
- Water treatment systems
- Pumps and compressors
- Cryogenic gases and corrosive media

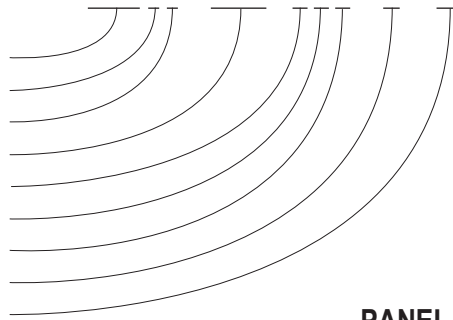
ORDERING INFORMATION						
GAUGE SIZE & SERIES	45 - 13	4-1/2 Inch	60 - 13	6 Inch		
CONNECTION LOCATION	0	Top & bottom	1	Back		
CONNECTION SIZE	2	1/4" NPT female				
PRESSURE RANGE	W100	0 to 100 inH ₂ O	W400	0 to 400 inH ₂ O	P100	0 to 100 psid
	W150	0 to 150 inH ₂ O	P15	0 to 15 psid	P230	0 to 230 psid
	W200	0 to 200 inH ₂ O	P30	0 to 30 psid	P300	0 to 300 psid
	W300	0 to 300 inH ₂ O	P60	0 to 60 psid	P400	0 to 400 psid
SENSOR HOUSING MATERIAL	S	316L Stainless steel				
O-RING MATERIAL	1	PTFE				
CASE MATERIAL	A	Aluminum, black	S	316L Stainless steel		
LENS	1	Acrylic	2	Safety glass		
FILL FLUID (optional)	GY	Glycerine	SL	Silicone	HL	Halocarbon

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

EXAMPLE

45-13 0 2 - W100 - S 1 A - 2 - GY

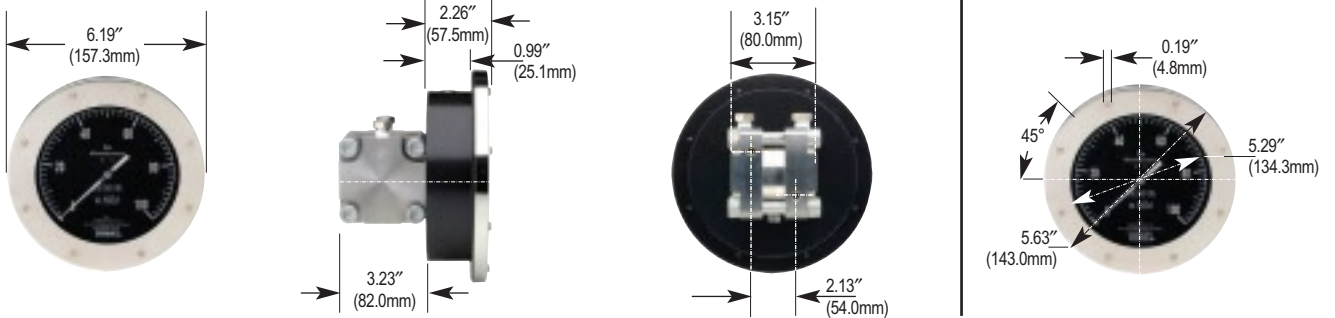
- Gauge Size & Series** 4-1/2 Inch-Series 1300
- Connection Location** Top & Bottom
- Connection Size** 1/4" NPT female
- Pressure Range** 0 to 100 inH₂O
- Sensor Housing Material** 316L Stainless steel
- O-Ring Material** PTFE
- Case Material** Aluminum, black
- Lens** Safety glass
- Fill Fluid (optional)** Glycerine



OUTLINE DIMENSIONS

PANEL CUT-OUT DIMENSIONS

4-1/2 Inch Gauge



6 Inch Gauge

