

Diaphragm Type



1100 SERIES

- Simple, rugged, compact differential pressure gauge
- Ranges from 0 inH₂O to 20 inH₂O through 0 psid to 100 psid
- 2-1/2", 4-1/2" and 6" gauge sizes
- Engineered plastic gauge case
- Standard black anodized aluminum wetted parts

APPLICATIONS

- Heat exchangers
- Filter monitoring
- Flow indication
- Level indication

SPECIFICATIONS

Pressure ranges	0 inH ₂ O to 20 inH ₂ O through 0 psid to 100 psid
Max. working static pressure	Aluminum & Stainless steel 3,000 psig; Brass 1,500 psig
Accuracy	±3/2/3% of full scale on rising pressure
Temperature ranges (Switch option)	Media -40 °F to 200 °F (-40 °C to 93 °C) Ambient -40 °F to 200 °F (-40 °C to 93 °C) Storage -40 °F to 200 °F (-40 °C to 93 °C)
Temperature ranges (4-20 mA transmitter option)	Ambient -20 °F to 150 °F (-29 °C to 66 °C)
Measuring element	316 stainless steel and ceramic magnet
O-ring & diaphragm material	NBR
Connection	1/4" NPT female, back connection
Sensor housing material	Black anodized aluminum
Case	Engineered plastic
Bezel	Engineered plastic
Lens	Shatter-resistant acrylic
Pointer	Balanced aluminum, black finish
Dial	Aluminum, white background with black scale
Movement	Magnetic
Optional switch rating	SPDT, 3W, 0.25 Amp, 125 Vac/Vdc (standard) (switch adjustable range of 15-95%). Other options available, consult factory.

ORDERING INFORMATION				
GAUGE SIZES & SERIES	25 - 11 2-1/2"	45 - 11 4-1/2"	60 - 11 6"	
CONNECTION LOCATIONS	0 Top & bottom ***	1 Back	2 Side	3 Bottom
CONNECTION SIZE	2 1/4" NPT female	9 7/16-20 female (Back or side only)		
PRESSURE RANGES*	W20 0 inH ₂ O to 20 inH ₂ O W25 0 inH ₂ O to 25 inH ₂ O W30 0 inH ₂ O to 30 inH ₂ O W40 0 inH ₂ O to 40 inH ₂ O W50 0 inH ₂ O to 50 inH ₂ O W60 0 inH ₂ O to 60 inH ₂ O	W75 0 inH ₂ O to 75 inH ₂ O W100 0 inH ₂ O to 100 inH ₂ O W135 0 inH ₂ O to 135 inH ₂ O W150 0 inH ₂ O to 150 inH ₂ O W200 0 inH ₂ O to 200 inH ₂ O W300 0 inH ₂ O to 300 inH ₂ O	W400 0 inH ₂ O to 400 inH ₂ O P5 0 psid to 5 psid P10 0 psid to 10 psid P15 0 psid to 15 psid P20 0 psid to 20 psid P25 0 psid to 25 psid	P30 0 psid to 30 psid P50 0 psid to 50 psid P60 0 psid to 60 psid P75 0 psid to 75 psid P100 0 psid to 100 psid
SENSOR HOUSING MATERIALS	A Aluminum, black	B Brass	S 316L Stainless steel	
O-RING & DIAPHRAGM MATERIALS	2 FKM	3 NBR	4 EPDM	
CASE MATERIAL	A Aluminum (4-1/2" only)	P Engineered plastic		
LENSES	1 Shatter-resistant acrylic	2 Safety glass**	3 Maximum indicating pointer (MIP) †	
FILL FLUIDS (optional)	SL Silicone ††			
SWITCH OR TRANSMITTER TYPE & HOUSING (OPTIONAL)	3 Single switch, NEMA 4X 4 Dual switch, NEMA 4X		7 4-20 mA transmitter in NEMA 4x IP65 plastic enclosure with terminal strip (1/2" female NPT conduit connection).	
OPTIONS	MH (2) 1/4-20 Mounting Holes MK5-CS Pipe Mounting Kit, Steel MK5-SS Pipe Mounting Kit, Stainless steel		RP Reversed Ports ST Stainless Steel Tagging WMK Wall Mounting Kit	

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

* Other ranges and scales available on request.

** Only available with dry, 4-1/2" gauge size with aluminum case.

*** Not available with switch or transmitter option.

† Available with dry gauge only.

†† Available with 2-1/2" and 6" gauge case sizes, and 4-1/2" gauge case size with aluminum case and standard shatter-resistant acrylic lens only.

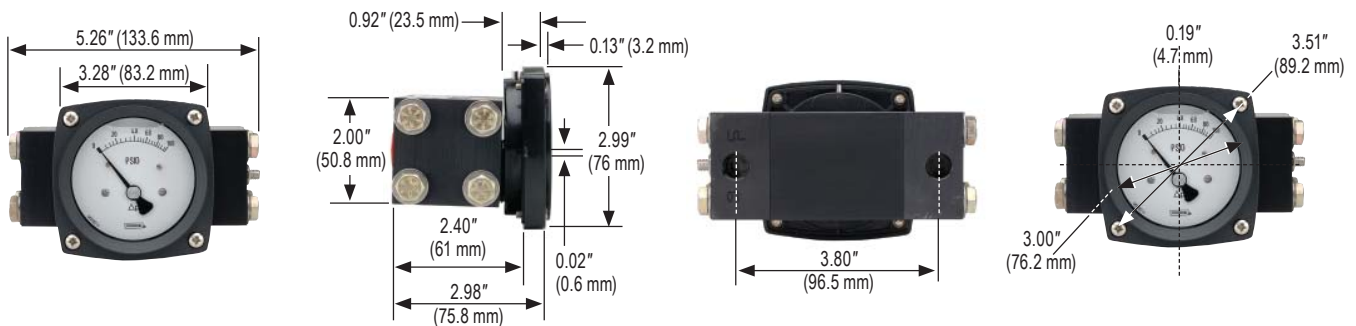
EXAMPLE

25-11 1 2 - P75 - A 3 P - 1

Gauge size & series 2-1/2" 1100 Series
 Connection location Back
 Connection size 1/4" NPT female
 Pressure range 0 psid to 75 psid
 Sensor housing material Aluminum, black
 O-ring material NBR
 Case material Engineered plastic
 Lens Shatter-resistant acrylic

2-1/2" Gauge

Panel Cut-Out Dimensions



4-1/2" Gauge

Panel Cut-Out Dimensions

