



SERIES: P78

Dial: 2 1/2" (63 mm)

Diaphragm for zero migration of media

DESCRIPTION

Indumart *P78 Series* Differential Pressure Gauges are designed to display the pressure differential of two separate pressure inputs on a dial indicator. They possess a diaphragm system that prevents migration of media between high and low pressure system.

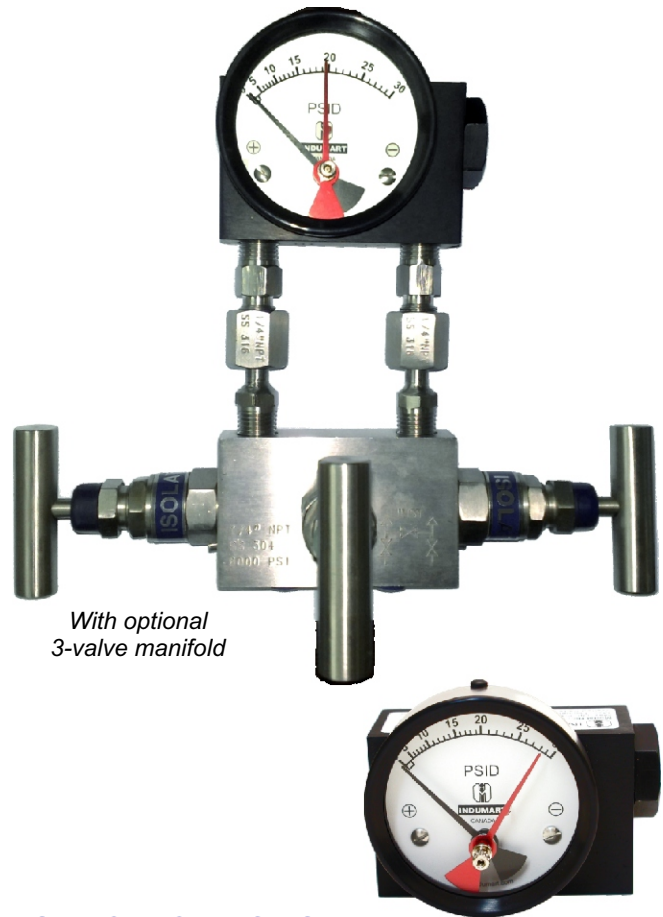
The difference in pressure causes the pointer assembly to move and indicate the pressure difference. A resettable red pointer follower indicates the maximum differential pressure of the process.

This instrument is designed for use in monitoring differential pressure in filters, strainers, hydraulic systems and is ideally suitable for natural gas, gasoline/diesel engine filters applications.

Being compact, lightweight, reliable and cost effective are definite advantages of the P78 series Differential Pressure Gauges.

The *P78 series* available in 2 1/2" dial size and covers ranges from 0-10 psi (0.6 bar) to 0-30 psi (2 bar) of differential pressure. The maximum static pressure may be up to 1500 psi (100 bar). In case the pressure at the high pressure side has failed, the low pressure side must not be pressureized beyond 350 psi (25 bar).

Optionally the *P78* can be ordered with stainless steel 3-valve manifold and swivel connector (shown above).

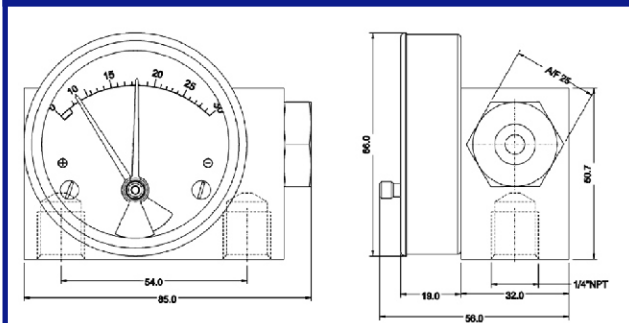


With optional 3-valve manifold

SPECIFICATIONS

Dial Size	2 1/2" (63 mm)
Red Pointer Follower	Indicates the historic maximum differential pressure (resettable)
Range	0...10 psi (0.6 bar - 6 mH2O) to 0...30 psi (2 bar - 20 mH2O)
Maximum Static Press.	1500 psi (100 bar)
Sensing Element	Diaphragm
Migration of Media	None; Zero leakage from high to low port
Seal/Diaphragm	Buna-N (std.), viton (option)
Body Material	Aluminum body
Wetted Parts	Body material, 302SS spring, seals and ceramic magnet
Dial Case	Stainless steel with rubber ring
Accuracy	±5% of full scale dial
Connection	Bottom 1/4" NPT (std.), BSP (on request)
Window	Acrylic
Mounting	Direct
Media Temperature	80°C / 175°F maximum
Environ. Protection	IP65 for the gauge

DIMENSIONS (mm)



High port is always on the left hand side.

STANDARD RANGES

0...10 psi, 0...0.6 bar, 0...600 cmH2O, 0...250 inH2O
 0...15 psi, 0...1 bar, 0...1000 cmH2O, 0...400 inH2O
 0...20 psi, 0...1.6 bar, 0...1600 cmH2O, 0...650 inH2O
 0...30 psi, 0...2 bar, 0...2000 cmH2O, 0...800 inH2O

