

SERIES: P87

DESCRIPTION

Indumart *P87 Series* Indicating Differential Pressure Switches with diaphragm elements are designed to display the pressure differential of two separate pressure inputs on a dial indicator and act as multi-stage pressure switches. They are ideal tools for controlling process sequences with the aid of process pressure. The difference between high and low pressure inputs results in the movement of the pointer. They cover an extended range from 0-250 kPa (0-25 mH₂O) to 0-160,000 kPa (0-1600 bar) of differential pressure.

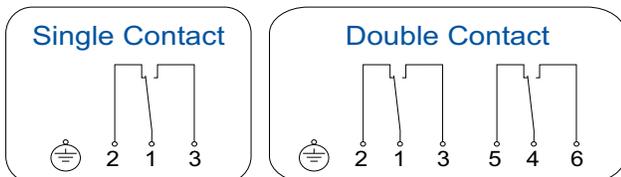
Indumart *P87 Series* with double welded stainless steel diaphragm system are mostly used for monitoring filters, pumps and valves in the water, air, natural gas and gasoline systems.

Optionally the *P87 Series* Indicating Differential Pressure Switches may be supplied with a calibration certificate and valve manifolds. Various types of surface, pipe and panel mounting configurations are available.

SPECIFICATIONS

Accuracy	1.6% @ 20°C
Dial Sizes	4" (100 mm), 6" (160 mm)
Case & Bayonet Bezel	Stainless steel
Double Diaphragm	316 stainless steel (NACE)
Connection	Back, Bottom
Thread	½" NPT, BSP thread (option)
Window	Plexiglas
Contact Rating	5A@125VAC, 3A @250VAC, 5A@30VDC, 0.4A @125VDC 0.2A@250VDC
Pointer	Adjustable, micro adjustment
Setpoint(s)	Adjustable from outside
Contact Pointer(s)	1st red, 2nd yellow
Electric Connection	Cable junction box
Max. Temperature	120°C
IP Rating	IP65
Static Pressure	20,000 kPa; 40,000 kPa (op.)
Range	0...25 to 0...250 mH ₂ O; 0...250 to 0...2500 kPa; 0...2500 mbar to 0...1600 bar; see the Range Table

Specifications may change without prior notice



Contact Differential Pressure Gauge with Built-in Microswitches

ORDER CODES	
Model	P87 [] - [] - [] - []
CONNECTION	Back: [K] Bottom: [T]
DIAL SIZE	100 mm (4") [4] 160 mm (6") [6]
CONTACT TYPE	Single: [1] Double: [2]
OPTIONS (more than one option may be selected)	Static Pressure 40,000 kPa (400 bar, 6000 psi) BSP Thread Plate for surface mounting Clam Fixing for pipe mounting Front Flange for panel mounting 3-Way Stainless Steel Manifold 5-Way Stainless Steel Manifold Calibration Certificate
	[QH] [TB] [MS] [MP] [MF] [VT] [VF] [RC]
<i>Example: P87T4-2-QH,VT, TB</i>	