

# Differential Pressure Gauge



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Concerned about the cost of wasted energy due to high differential pressure across a dirty filter or clogged dryer?

Ingersoll Rand differential pressure gauges are designed to measure the difference in pressure between two points in a system and to display the resultant differential pressure directly on a single gauge dial. A patented magnetic movement allows the simultaneous sensing of both pressures while completely isolating the gauge function from the pressure chamber without the use of mechanical seals.



Unlike ordinary pressure instruments, Ingersoll Rand instruments can indicate small values of differential pressure even when used at high line pressures. Units can be supplied with reed switches or relays to initiate alarms, activate other equipment, or shut the system down.

Ingersoll Rand also offers a line of differential pressure transmitters that have the ability to transmit data signals. The microprocessor-based instruments are equipped with unique Hall Effect sensors that convert the gauges' normal magnetic movements into electric signals. After processing, the units provide analog and digital output for remote location monitoring. Since the usual pointer-and-dial gauges continue to operate, local station readout is always available.

## Features

- 2.5" Dial Face
- 10 psid Range NPT (0-1 Bar) BSPP
- Dual Scale (psid, kpad)
- Aluminum Body
- Viton Seals
- Weather-proof Design
- Rugged Construction
- Max. Line Pressure: 300 psi (200 bar)
- Max. Temp: 150°F (66°C)
- 0.25" NPT and BSPP Connection
- Follower Pointer
- ± 3% Accuracy

## Available in Three Configurations

| CCN (NPT) | CCN (BSPP) | Description                               |
|-----------|------------|---|
| 38441614  | 38445318   | Pressure Gauge                            |
| 38441622  | 38445326   | Pressure Gauge with SPST NO Switch (125V) |
| 38441630  | 38445334   | Pressure Gauge with Transmitter (4-20ma)  |



Ingersoll Rand Industrial Technologies provides products, services and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.