

Mid-West[®] Instrument

*Differential Pressure Gauges
Switches and Transmitters*



Another "NEW" Gauge from Mid-West



"Model 124" High Pressure 10,000 PSI



New, Cost Effective Piston Type-Differential Pressure Gauge for High Working Pressures (10,000 PSI)

Mid-West Instrument introduces its new **Model 124** Differential Pressure Gauge. This new gauge uses the same proven sensing and output method as the ultra reliable Model 120! The Model 124 has a safe working pressure of 10,000 PSI and a proof pressure of 20,000 PSI.

The Model 124 is available with 316/316L stainless steel bodies, 316 S.S. springs and internal parts, and a wide variety of elastomers. The instrument is over-range protected in either direction up to 5000 PSID. Available differential pressure ranges are 0-5 PSID through 0-400 PSID.

Hermetically sealed S.P.S.T. or S.P.D.T. magnetically actuated reed switches are available as options to provide high and/or low alarm control. Available in 2 1/2", 3 1/2" or 4 1/2" dials. Mid-West Instrument is one of the leading designers and manufacturers of differential pressure gauges in the US.



Engineering &
Industrial
Instrumentation

CMC TECHNOLOGIES

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Unit 19, 77 Bourke Road,
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AUSTRALIA

Model 124

Piston-Type Differential Pressure Gauge and Switch **High Working Pressure: 10,000 PSI**

Competitively priced, piston type differential pressure gauges and switches for use on High Pressure Filters, Strainers, Pumps, Liquid Level, Sub Sea / Deep Well and Flow Indication etc.

Available ΔP Ranges:

0-5 PSID (0-0.35 bar) to 0-110 (0-7.0 bar)
0-150 PSID (0-10.3 bar) to 0-400 (0-27.6 bar)

Common Applications

- Sub Sea / Deep Well
- High Pressure Filter/Strainer Monitoring
- Compressed Air
- Hydraulic
- Refrigerant
- Pump Performance Testing
- Heat Exchanger Pressure Drop Monitoring

Product Features

- DP Ranges from 0-5 PSID to 0-400 PSID
- Piston Sensing Element
- Working Pressure up to 10,000 PSIG (689 bar)
- Proof Pressure 20,000 PSIG
- Over-Range Protection, High over Low and Low over High to 5,000 PSID
- Gauge Housing 316L Stainless Steel
- Wide Range of Elastomers

Product Features/Benefits

- Simple Rugged Designs
- Glass Reinforced Thermoplastic Gauge Front Is Standard
- Weather Resistant & Corrosion Resistant Gauge Front
- Shatter Resistant Lens
- **1 Year Warranty**

Specifications:

- Differential Pressure Range 0-5 PSID to 0-400 PSID (0-0.35 to 0-27.6 bar)
- Available in a Variety of Equivalent Ranges & Scales
- Accuracy $\pm 2\%$ *
- Operating Temp -40°F to +200°F (-40°C to +93°C)

- Dial Size 2-1/2" Round (Standard), 3-1/2" Round (Optional), 4-1/2" Round (Optional)
- Working Pressure 10,000 PSIG
- Material of Construction of Body - 316/316L Stainless Steel, adjusting Screws & end plugs
- Materials of Construction of Internals - 316 Stainless Steel
- 1/4" FNPT Back Connections (**Standard**) other options available

- **Switch Options**

- SPDT 3W, 125 VAC/VDC, 0.25 amps **CE**
 - SPDT 60W, 240 VAC/VDC, 1.0 amps **CE**
 - SPST 60W, 240 VAC/VDC, 3.0 amps **CE**
- Electrical Enclosures Weather-Resistant, NEMA 4X
- CE Marked in Accordance With Low Voltage Directive

Special Features:

- Over-range Protection Full to Maximum Working Pressure
- Panel Mounting Standard
- Pipe Mounting Kit Optional - 2" U-Bolt
- Wall Mounting Optional - Rear Mount
- NACE Compliance Optional



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