

Mid-West[®] Instrument

Differential Pressure Gauges, Switches & Transmitters



BELLOWS & BOURDON TUBE TYPE:

Models 105/106/115/116 bellows design and Model 109 encapsulated Bourdon tube design provide a simple and highly accurate differential pressure gauge. Gauge Housings available in Aluminum, Brass, Carbon Steel and Stainless Steel 316/316L

PISTON TYPE: Differential pressure gauges and switches for use on filters, strainers, pumps etc. Available with one or two hermetically sealed reed switches in SPDT and SPST. Some units also available with 4-20 mA Transmitter. Gauge Housings available in Aluminum, 316/316L Stainless Steel, Aluminum Bronze and Monel



DIAPHRAGM TYPE: Ideally suited for use on dissimilar fluids and wet gas or fluids with a high concentration of solids, etc. Available with one or two hermetically sealed reed switches in SPDT and SPST. Some units also available with 4-20 mA Transmitter. Gauge Housings available in Aluminum, Brass, 316/316L Stainless Steel, Aluminum Bronze and Monel

HAZARDOUS LOCATION SWITCHES

Switching components are housed under a copper free Aluminum cover. The combination of the gauge body and the cover make up the flame-proof seal. Switches are available with 1 or 2 hermetically sealed reed switches with SPDT, SPST or DPDT relay outputs. 4-20mA Transmitter also available. Wetted parts are Aluminum or Stainless Steel



"O. E. M." INDICATORS & GAUGES

Competitively price differential Pressure Indicators, Gauges & Switches for the O.E.M customer. Housings available in Glass reinforced Plastic, Aluminum and Stainless Steel. Working pressure of 300, 1,000 and 3,000 PSIG



FLOW INSTRUMENTATION

Model 300 Averaging Pitot Tube and Models 105, 106, 130, 140, and 142 Differential Pressure gauges all available with Flow Dials. Series 800 Flow Test Kits



Series 800 Flow Test

3 & 5 VALVE DIFFERENTIAL PRESSURE MANIFOLD

Available Individually or Direct Mounted to your DP Gauge.



BASIC NON-ADJUSTABLE SNUBBERS

Protects against surges and pressure shocks.

PULSATION DAMPENER

Model 150 provides infinitely adjustable dampening.

Protects against surges and pressure shocks.

PRESSURE LIMITING VALVE

Model 200 pressure limiting valve prevents instrument over-range.

Adjustable needle valve dampens pulsation.

QUICK REFERENCE GUIDE

Model Number	Sensor Type	Minimum Range	Maximum Range	Accuracy % Full Scale	Maximum Temp. (F)	MWP (PSIG)
105	Bellows	0-10" H ₂ O	0-79.9" H ₂ O	±1/2% or 1%	200°F	500 to 6,000
106	Bellows	0-80" H ₂ O	0-800" H ₂ O	±1/2% or 1%	200°F	500 to 6,000
109	Bourdon Tube	0-15 PSID	0-6000 PSID	±1/2% or 1%	200°F	500 to 6,000
114	Diaphragm	0-20" H ₂ O	0-600" H ₂ O	±2%	200°F	1,500 or 3,000
115	Bellows	0-10" H ₂ O	0-69.9" H ₂ O	±1%	200°F	500 or 1,000
116	Bellows	0-70" H ₂ O	0-800" H ₂ O	±1%	200°F	500 or 1,000
120	Piston	0-5 PSID	0-110 PSID	±2%	200°F	3,000 to 6,000
121	Piston	0-5 PSID	0-110 PSID	±2%	200°F	3,000 to 6,000
122	Piston	0-5 PSID	0-110 PSID	±5%	200°F	3,000
123	Piston	0-150 PSID	0-400 PSID	±2%	200°F	3,000 to 5,000
124	Piston	0-5 PSID	0-400 PSID	±2%	200°F	10,000
130	Diaphragm	0-5" H ₂ O	0-400" H ₂ O	±5% or 3/2/3% (Based on range)	200°F	300 or 500
140	Diaphragm	0-50" H ₂ O	0-100 PSID	±5% or 3/2/3% (Based on Range)	200°F	1,500 or 3,000
142	Diaphragm	0-20" H ₂ O	0-25 PSID	±3/2/3%	200°F	1,500 or 3,000
522	Diaphragm	0-5 PSID	0-50 PSID	±5%	200°F	1,000
522A	Diaphragm (3-Color Dial)	0-5 PSID	0-50 PSID	±5%	200°F	1,000
555A	Diaphragm	0-2.0 PSID	0-43 PSID	±5%	200°F	300
700	316L SS Diaphragm	0-5 PSID	0-300 PSID	±0.50%	175°F	See Bulletin

Hazardous Location Switches

220	Piston	0-5 PSID	0-100 PSID	±3/2/3%	200°F	4,000
240	Diaphragm	0-20" H ₂ O	0-100 PSID	±3/2/3%	200°F	1,500

O. E. M Gauges

126	Piston	0-5 PSID	0-20 PSID	±5%	200°F	3,000
127	Piston	0-25 PSID	0-100 PSID	±5%	200°F	3,000
146	Diaphragm	0-50" H ₂ O	0-30 PSID	±5%	200°F	1,000
444	Slider Indicator	0-5 PSID	0-25 PSID	±5%	200°F	300
555	Diaphragm	0-2.0 PSID	0-50 PSID	±5%	200°F	300
522	Diaphragm	0-5 PSID	0-50 PSID	±5%	200°F	1,000

FLOW Instrumentation

Model 300 Delta Tube

Series 800 Flow Test Kits

Accessories

Three & Five Valve S.S. Differential Pressure Manifolds

Basic Snubber – Non-Adjustable (Available in Brass and Stainless Steel)

Model 150 Adjustable Pulsation Dampener (Available in Brass and Stainless Steel)

Model 200 Pressure Limiting Valve (Available in Aluminum, Brass and Stainless Steel)

Diaphragm / Chemical Seals



CMC TECHNOLOGIES

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