"DIAPHRAGM" TYPE DIFFERENTIAL PRESSURE GAUGE



Model BR140
"Diaphragm Type"
Differential Pressure Gauge

MODEL BR140

FEATURES:

- Total separation of high and low pressures by a Convoluted Elastomer Diaphragm
- Over range protection to full rated working pressure
- Body Materials: Aluminum, Brass or 316L stainless steel Hasteloy available upon request
- Internal metal parts 316 stainless steel
- ¼" FNPT & ½" FNPT Process Connections
- Sensor magnetically coupled to the indicating pointer and optional switches
- Weather-resistant construction standard
- Shatter resistant acrylic lens
- Variety of Dial type and Sizes: 2½", 3½" & 4½"
- DP Ranges available in: Inches H2O, PSID, bar, and Kpa
- Available with Square Root dials for flow measurement
- Multiple mounting options available
- Temperature Ranges: -40 °F (-40 °C) to +200 °F (+93 °C)

APPLICATIONS:

Filter/Strainer Monitoring, Compressed Air, Hydraulic, Refrigerant, Pump Performance Testing, Heat Exchanger Pressure Drop Monitoring, Water Treatment Applications, Tank Level Monitoring Horizontal or Vertical, Flow Monitoring & Balancing

PRODUCT OVERVIEW:

Model 140 Diaphragm type DP Gauge provides outstanding capabilities not previously available in modestly priced differential pressure gauge/switch. Ideally suited for use on dissimilar fluids and wet gas or fluids with a high concentration of solids, etc.

Model	Accuracy	Min. ΔP Range	Max. ΔP Range	Max. Line Pressure PSIG (bar)	Optional Switches
140	±5% 0-50" H2O ±2% 0-15 PSID to 0-100 PSID	0-50" H2O (0-125 mbar bar)	0-100 PSID (0-7 bar)	3000 (200)**	1 or 2 Switches or 4-20 mA Transmitter

BR5SL-G-016
REV-B

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