Pressure/Level Products General Specifications



Separator Back Pressure Measurement

Type SEP

Application.

Benney offers a range of sanitary seals for measurement of separator backpressure. Constructed from 316L stainless steel wetted parts, the Benney pressure gauges or transmitters offer optimum performance whilst enduring the high vibration levels generated by the Separator's operation.

Configuration.

Body machined from 316L stainless steel bar stock, diaphragm welded directly into body.

Process Connection.

Alfa Laval (1½" SMS) 2" SMS male Westfalia 2" SMS female

63mm bottom entry

100mm bottom entry

0 - 2000 kPa

Wetted Materials. 316L S/S

Gauge Options.

Gauge Sizes. 63mm rear entry 100mm rear entry

Pressure Ranges. 0 - 1000 kPa 0 - 6000 kPa

Case Materials 304 stainless steel

Lens Material Standard: Polycarbonate lens Optional: Safety Glass

Dial / Pointer Material Aluminium

Over Range Point 130% span

Safety Blow-out Available on 100 and 160mm Gauges only

Operating Temperature -30 to 110°C

Filled Case Glycerine available in all Gauges

Rating Rated to IP67

System Accuracy.

Better than 1.6% of span. Stability will be affected by the instrument configuration, ambient temperature, process temperature, connection size (diaphragm size) and the measuring range. For temperature effects and instrument accuracy please contact us.

Refer to <u>www.benney.com.au</u> for full specification data sheet on gauges.



Transmitter options.

Transmitter Output. 4/20mA DC

Supply Voltage. 16V DC (min), 35V DC (max), 24V DC (nominal).

Protection. Output short circuit and reverse polarity.

Housing Material. 316L Stainless Steel

Refer to <u>www.benney.com.au</u> for full specification data sheet on transmitters.

System Accuracy.

Better than 1.6% of span. Stability will be affected by the instrument configuration, ambient temperature, process temperature, connection size (diaphragm size) and the measuring range. For temperature effects and instrument accuracy please contact us.