

## 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)	Westfalia
2" SMS male	2" SMS female

### Wetted Materials.

316L S/S



### Gauge Options.

#### Gauge Sizes.

63mm rear entry	63mm bottom entry
100mm rear entry	100mm bottom entry

#### Pressure Ranges.

0 - 1000 kPa	0 - 2000 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 [www.benney.com.au](http://www.benney.com.au) 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

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