

Plug Seal Type PPS

Application.

Benney offers a variety of Plug diaphragm seals for use in all industries where sanitation is not required. (For example chemical, slurries, pulp and paper industries etc.) The one-piece body comes in several sizes and thread types with a range of instrument connections to suit most gauges and transmitters. The seal is generally manufactured from 316L stainless steel; however other diaphragm and body materials can be supplied if desired. The maximum working pressure of a plug seal is as per the rating of associated pipe-work and fittings.

Configuration.

Transmitter and Gauge/Switch specification Plug seals available.

Gauge pressure with capillaries, or direct mount.

Process Connection.

1, 1¼, 1½ and 2 inch BSPT male

1, 1¼, 1½ and 2 inch NPT male

Other process connections available upon request.

Seal Construction.

Body machined from barstock 316L stainless steel, diaphragm welded directly into body. Other materials available upon request.

Available in either gauge or transmitter specification.

Diaphragm Materials.

316L stainless steel (Standard)

304 stainless steel

Hastelloy C-276

Monel 400

Nickel 200

Other materials available upon request.

Maximum Pressure.

The maximum working pressure of a plug seal is as per the rating of associated pipe-work and fittings.

Instrument Connections.

¼" BSPT female

¼" NPT female

¼" BSPP female

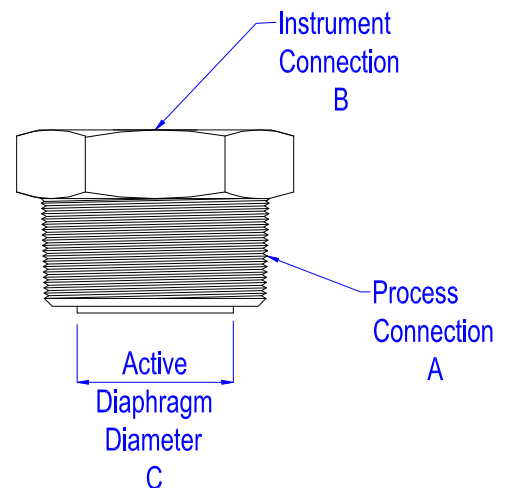
3/8" BSPP female

½" BSPP female

Other connections available on request.

Zero Stability.

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.



Standard seal configuration.

	"A"	"B"	"C"
1"	1" BSPT	Specify	25
1 ½"	1 ½" BSPT	Specify	40
2"	2" BSPT	Specify	52

**"C" Dimension is in millimetres.