

# Diaphragm Seals

## DB

Diaphragm seals are designed to isolate the sensing element of pressure gauges and pressure switches from process fluids that they may be corrosive, viscous, sediments and with a high temperature.



### Features:

- \* Robust two-piece design
- \* The diaphragm is welded to the body to ensure separation of the filling fluid from the process medium
- \* All SS construction.

## DE

DE Diaphragm Seal Flush diaphragm, sanitary Type



### Special Features:

- \* All 316 stainless steel
- \* Laser welded flush diaphragm
- \* Quick connect / disconnect for easy cleaning
- \* Matching DIN, SMS, RJT etc. standards

### Application:

Diaphragm seals are provided in the instruments like pressure gauges, switches, transmitters in order to isolate the sensing element from the main service due to its corrosive, viscous and sedimented nature and to avoid clogging and solidification. These seals are specially designed for applications where high purity in the process is essential. typically in food, beverages, dairy and pharmaceutical industries.

## DL



### Features:

- \* All SS 316 construction
- \* Deal for slurry / high viscous fluids
- \* Flange & diaphragm are available in various type of SS & exotic materials.

### Application:

\* Diaphragm seals are provided in the instruments like pressure gauges, switches, transmitters in order to isolate the sensing element from the main service due to its corrosive, viscous and sedimented nature and to avoid clogging and solidification

- \* These kinds of seals are widely used in the viscous & corrosive services where flushing is required periodically & frequently.