

## MODEL: SDPG-UTPL-01

## Special Features

- Case & measuring system in SS
- Dry or liquid filled
- Accuracy upto 2.5% F. S.

## Applications

- Chemicals
- Refinery
- Nuclear
- Aerospace
- Fertilizer
- Chemical & Petrochemical industries
- Petrochemicals
- Pharmaceutical
- Power
- Cement
- Sugar
- Food & Beverages
- Pulp
- Paper & allied Process Industries



DOUBLE FLANGE TYPE



WELDED DIAPHRAGM SEAL



FLUSHING TYPE

## Specifications

### Standard Version : 63 mm, 100 mm & 150 mm

|                          |  |
|--------------------------|--|
| Accuracy                 | • $\pm 2.5\%$ of F. S. (For ascending order)   |
| Ambient temperature      | • $- 25^{\circ}\text{C}$ to $+ 65^{\circ}\text{C}$   |
| Process temperature      | • Max $100^{\circ}\text{C}$  |
| Operating pressure range | • 40 kg/cm up to ranges 0.6 kg/cm & 100 kg/cm above ranges 1 kg/cm <sup>2</sup>            |
| Over pressure limit      | • 130% of Max. scale value   |
| Case & Bezel             | • AISI 304 SS (Bayonet Type) / SS 316 as per requirement                                   |
| Diaphragm                | • AISI 316L/Tantalum/Hestelloy C-276 (Double Flange, Welded Diaphragm Seal, Flushing Type) |
| Nuts & Bolts             | • AISI 304 SS  |
| Process Connection       | • Flanged Ends – ANSI / DIN / BS / Customized on request                                   |
|                          | • Flange Rating – #150 / #300 / #600 or as per specification                               |
|                          | • 1/2" BSP(M), 1/2" NPT(M) & others on requested   |
| Movement                 | • AISI 304 SS  |
| Protection               | • IP 65  |
| Dial                     | • Aluminium, black graduation on white background  |
| Pointer                  | • Aluminium, black coloured, Micrometer Zero Adjustable                                    |
| Window                   | • Shatterproof / Safety Glass  |
| Case Gasket              | • Neoprene   |
| Vent Plug                | • EPDM   |
| Element Chamber Filling  | • Silicon Oil (Others on request)  |
| Diaphragm Sealing Gasket | • Viton+Neoprene   |
| Scale Amplitude          | • 180 to 270 (For standard ranges)   |

## Glycerine filled version

|                     |  |
|---------------------|--|
| Accuracy            | • $\pm 2.5\%$ of                               |
| Ambient Temperature | • Maximum $65^{\circ}\text{C}$                 |
| Process Temperature | • Maximum $65^{\circ}\text{C}$                 |
| Window              | • Plexi Glass                                  |
| Dampening Liquids   | • Glycerine 99.7% (others available as option) |