

**MODEL: SDPG-UTPL-01**

**DOUBLE FLANGE TYPE**

**WELDED DIAPHRAGM SEAL**

**FLUSHING TYPE**
**Special Features**

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

**Applications**

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| <ul style="list-style-type: none"> <li>• Chemicals</li> <li>• Refinery</li> <li>• Nuclear</li> <li>• Aerospace</li> <li>• Fertilizer</li> <li>• Chemical &amp; Petrochemical industries</li> <li>• Petrochemicals</li> <li>• Pharmaceutical</li> </ul> | <ul style="list-style-type: none"> <li>• Power</li> <li>• Cement</li> <li>• Sugar</li> <li>• Food &amp; Beverages</li> <li>• Pulp</li> <li>• Paper &amp; allied Process Industries</li> </ul> |
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**Specifications**
**Standard Version : 63 mm, 100 mm & 150 mm**

<b>Accuracy</b>	• $\pm 2.5\%$ of F. S. (For ascending order)
<b>Ambient temperature</b>	• - 25°C to + 65°C
<b>Process temperature</b>	• Max 100°C 2
<b>Operating pressure range</b>	• 40 kg/cm up to ranges 0.6 kg/cm & 100 kg/cm above ranges 1 kg/cm <sup>2</sup>
<b>Over pressure limit</b>	• 130% of Max. scale value
<b>Case &amp; Bezel</b>	• AISI 304 SS (Bayonet Type) / SS 316 as per requirement
<b>Diaphragm</b>	• AISI 316L/Tantalum/Hestelloy C-276 (Double Flange, Welded Diaphragm Seal, Flushing Type)
<b>Nuts &amp; Bolts</b>	• AISI 304 SS
<b>Process Connection</b>	• 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
<b>Movement</b>	• AISI 304 SS
<b>Protection</b>	• IP 65
<b>Dial</b>	• Aluminium, black graduation on white background
<b>Pointer</b>	• Aluminium, black coloured, Micrometer Zero Adjustable
<b>Window</b>	• Shatterproof / Safety Glass
<b>Case Gasket</b>	• Neoprene
<b>Vent Plug</b>	• EPDM
<b>Element Chamber Filling</b>	• Silicon Oil (Others on request)
<b>Diaphragm Sealing Gasket</b>	• Viton+Neoprene
<b>Scale Amplitude</b>	• 180 to 270 (For standard ranges)

**Glycerine filled version**

<b>Accuracy</b>	• $\pm 2.5\%$ of
<b>Ambient Temperature</b>	• Maximum 65°C
<b>Process Temperature</b>	• Maximum 65°C
<b>Window</b>	• Plexi Glass
<b>Dampening Liquids</b>	• Glycerine 99.7% (others available as option)