

**MODEL: DPG-UTPL-01**

**Special Features**

- Case & measuring system in SS
- Static pressure up to 100 kg/ cm<sup>2</sup>
- Dry or liquid filled
- Accuracy upto 2.5% F. S.

**Applications**

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

**Specifications**
**Standard Version : 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)
<b>Diaphragm</b>	• AISI 316L SS (Double Diaphragm)
<b>Nuts &amp; Bolts</b>	• AISI 304 SS
<b>Process Connection</b>	• Body : AISI 316 SS Thread Connection : 1/4" NPT(F) x 2 Nos.
<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
<b>Scale Amplitude</b>	• 180 to 270 (For standard ranges)

**Glycerine filled version**

<b>Accuracy</b>	• $\pm 2.5\%$ of F. S. (For ascending order)
<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)

**Electrical contacts - dry version**

<b>Accuracy</b>	• $\pm 2.5\%$ of F. S.
<b>Ambient Temperature</b>	• Maximum 65°C
<b>Process Temperature</b>	• Maximum 65° C
<b>Window</b>	• Polycarbonate Dome
<b>Dampening Liquids</b>	• Dielectric Oil (Optional)