

The sensing element of PRT400 is a diffused silicon piezoresistive differential pressure sensor with a stainless steel 316L isolation diaphragm. The reliable performance of the DP sensor is due to temperature compensation and aging screening. It enables zero and full scale to be adjusted externally. PRT400 has obtained CE and RoHS certifications.



Feature

- Gases & liquids differential pressure measurement
- Small size, easy installation
- Laser welding & All stainless steel sealed structure
- Explosion-proof certified

Specification

- Range: 0mbar~350mbar...35bar
- Overpressure positive pressure: ≤ 2 times FS, negative pressure is not allowed
- Maximum Static Pressure: ≤ 200 bar
- Pressure Type: differential pressure
- Accuracy: $\pm 0.5\%$ FS
- Application Temperature: $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- Output Signal: 4mA~20mA DC, 0mA~10/20mA DC, 0/1V~5V DC, 0V~10V DC
- Power Supply: 15V~28V DC

