

## Catheter Pressure Sensors

NovaSensor P330W Absolute Pressure Sensor is a Piezoresistive (PRT) Pressure Die, offering the same superior stability and sensitivity as in larger die, but in an extremely small footprint, making it ideal for invasive applications where small size is critical. Additionally, it has excellent measurement accuracy, which also makes it ideal for demanding applications with restricted dimensional profiles, such as Medical Catheters and Integrated Circuit (IC) Packages.

### Features

- Extremely small size: 900 x 330 x 120  $\mu\text{m}^3$  cross section
- Stable and accurate pressure measurement of  $\pm 6$  mmHg (preliminary)
- Low power consumption
- Absolute pressure sensing
- Pressure Range: 450 to 1050 mmHgA (standard)
- Burst Pressure: 4500 mmHgA

### Applications

- Cardiovascular
- Respiratory
- Intracranial
- Urological/Rectal
- Ablation

### Related Products

- P330 Series: Absolute Pressure Sensor Die
- P330B: Absolute Pressure Sensor Die 1F
- P330W: Absolute Pressure Sensor 1F with 46AWG wire attached
- P330W-EVAL-D3: Absolute Catheter Pressure Sensor Evaluation Kit, Digital Output
- P330W-EVAL-A3: Absolute Catheter Pressure Sensor Evaluation Kit, Analog Output

