



13C5000PA4K



**Pressure Transducer; Series 13mm,
Compensated, Pressure Range: 0 psi to
5000 psi, Absolute, 1/8-27 NPT, 10 Vdc
excitation**

Actual product appearance may vary.

Features

- Rugged, isolated stainless steel package
- Reliable semiconductor technology
- Calibrated and temperature compensated
- Voltage or supply current options
- Absolute and sealed gage pressures
- Low-cost cell package
- Absolute pressure
- 0 psi to 500 psi, 1000psi, 2000 psi, 3000 psi, and 5000 psi

Potential Applications

- Industrial controls
- Hydraulic controls
- Tank pressure
- Pressure transmitters
- Process control systems

Description

Honeywell's 13mm Series stainless steel pressure sensors are designed for high pressure applications that involve measurement of hostile media in harsh environments. This series uses Honeywell's proven piezoresistive semiconductor sensor chip in an oil-isolated housing with or without an integral ceramic for temperature compensation and calibration. This design has proven to be highly reliable, stable, and accurate.

These sensors feature a weld-ring collar and special back support ring for high cycle life capability as they are designed for further package integration in OEM applications.

| Product Specifications | |
|-------------------------------|-------------------------------------|
| Supply Voltage Version "K" | 15 Vdc |
| Pressure Range | 0 psi to 5000 psi |
| Burst Pressure | 10000 psi |
| Proof Pressure | 10000 psi |
| Temperature Compensation | Yes |
| Operating Temperature Range | -40 °C to 125 °C [-40 °F to 257 °F] |
| Compensated Temperature Range | 0 °C to 82 °C [32 °F to 180 °F] |
| Storage Temperature Range | -40 °C to 125 °C [-40 °F to 257 °F] |
| Vibration | 10 G at 20 Hz to 2000 Hz |
| Shock | 100 G for 11 ms |
| Life | 1 million cycles min. |
| Availability | Global |
| Series Name | 13 mm |