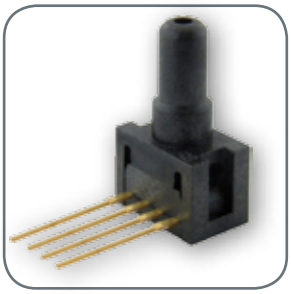
Honeywell

Miniature Low Pressure Sensors

26PC Series, Compensated/Unamplified

1 psi to 250 psi



Datasheet

Miniature Low Pressure Sensors

The 26PC Series Miniature Pressure Sensors are small, cost-effective devices intended for use with wet or dry media. These sensors feature proven sensing technology that uses a specialized piezoresistive micromachined sensing element to offer high performance, reliability, and accuracy. Each sensor contains four active piezoresistors that form a Wheatstone bridge. When pressure is applied, the resistance changes and the sensor provides a milliVolt output signal that is proportional to the input pressure.

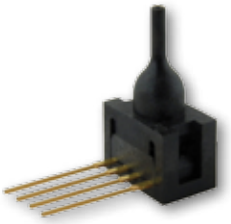
The low power 26PC sensors are designed to accommodate pressures from 1 psi to 250 psi and have an operating temperature range of -40 ºC to 85 ºC [-40 ºF to 185 ºF].

These sensors can accommodate a variety of wet and dry media that are compatible with polyphthalamide (PPA) plastics and media seals specified in the Nomenclature and Order Guide (see Figure 2). The 26PC sensors are RoHS compliant. They are designed and manufactured according to ISO 9001 standards.

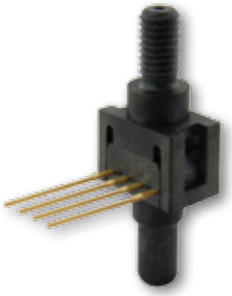
What makes our sensors better?

- Wet/Wet capability (i.e., liquids on both ports)
- Selectable seals available to match media used
- Higher pressure ranges for use in high pressure applications
- Wide variety of pressure port types
- Available in both SIP and DIP packages

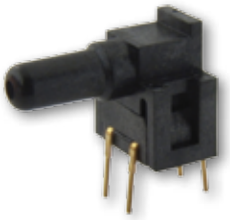
26PCXXJ6G



26PCXXH6D



26PCXXK2G



For all available configurations, see Table 4.