

# Honeywell

## Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new **Interactive Catalog**. The **Interactive Catalog** is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



Click this icon to try the new  
Interactive Catalog.

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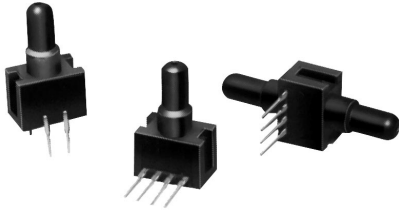
**Sensing and Control**  
Honeywell Inc.  
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Freeport, Illinois 61032

# Pressure Sensors

## Gage and Differential/Unamplified-Compensated

26PC Series

### Temperature Compensated Sensors



#### FEATURES

- Lowest priced sensor with temperature compensation and calibration
- Variety of gage pressure port configurations - easily and quickly modified for your special needs
- Operable after exposure to frozen conditions
- Choice of termination for gage sensors
- Calibrated Null and Span
- Temperature compensated for Span over 0 to 50°C
- Provides interchangeability
- Can be used to measure vacuum or positive pressure
- Ideal for wet/wet differential applications

### 26PC SERIES PERFORMANCE CHARACTERISTICS at 10.0 ±0.01 VDC Excitation, 25°C

	Min.	Typ.	Max.	Units
Excitation	---	10	16	VDC
Repeatability & Hysteresis	---	±0.20	---	%Span
Response Time	---	---	1.0	msec
Input Resistance	5.5 K	7.5 K	11.5 K	ohms
Output Resistance	1.5 K	2.5 K	3.0 K	ohms
Stability over One Year	---	±0.5	---	%Span
Weight	---	2	---	grams

Total error calculation, see page 105.

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40° to 85°C (-40° to +185°F)
Storage Temperature	-55° to +100°C (-67° to +212°F)
Compensated Temperature	0° to +50°C (32° to +122°F)
Shock	Qualification tested to 150 g
Vibration	MIL-STD-202. Method 213 (150g halfsine, 11 msec)
Media (P1 & P2)	Limited only to those media which will not attack polyetherimide, silicon, fluorosilicone, silicone, EPDM, and neoprene seals.

### 26PC SERIES ORDER GUIDE

Catalog Listing	Pressure Range (psi)	Linearity (% span)		Null Shift (mV)		Null Offset (mV)			Span Shift (% span)		Span (mV)			Sensitivity mV/psi		Over-pressure psi
		Typ.	Max.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Max.	
26PCA TYPE	1	0.25	0.5	±0.5	±1.0	-1.5	0	+1.5	±1.0	±2.0	14.7	16.7	18.7	16.7	20	
26PCB TYPE	5	0.4	0.5	±0.5	±1.0	-1.5	0	+1.5	±1.0	±1.5	47	50	53	10.0	20	
26PCC TYPE	15	0.25	0.5	±0.5	±1.0	-1.5	0	+1.5	±0.75	±1.5	97	100	103	6.67	45	
26PCD TYPE	30	0.1	0.2	±0.75	±1.5	-1.5	0	+1.5	±0.75	±1.5	97	100	103	3.33	60	
26PCF TYPE	100	0.1	0.2	±1.0	±2.0	-2.0	0	+2.0	±0.5	±1.5	95	100	105	1.0	200	
26PCJ TYPE	38*	0.1	0.5	±0.7	±1.5	-1.5	0	+1.5	±1.0	±1.5	37.5	39.5	41.5	2.63	60	
26PCK TYPE	38*	0.1	0.5	±0.7	±1.5	-1.5	0	+1.5	±1.0	±1.5	37.5	39.5	41.5	2.63	60	

\*Accuracy specifications calculated at 15 psi.

Unamplified

# Pressure Sensors

26PC Series

## Gage and Differential/Unamplified-Compensated

### SENSOR SELECTION GUIDE

<b>2</b> Product Family	<b>6</b> Circuit Type	<b>PC</b> Pressure Transducer	<b>B</b> Pressure Range	<b>F*</b> Type of Seal	<b>A</b> Type of Port	<b>2</b> Termination Style	<b>G</b> Pressure Measurement
2 20PC family	6 Compensated Calibrated		A 1 psi B 5 psi C 15 psi D 30 psi F 100 psi J 38 psi K 38 psi (passivated**)	E EPDM F Fluorosilicone N Neoprene S Silicone	A Straight B Barbed C Luer D Modular H M5 Thread I 90° Port J Needle K Reverse 90° Port L 1/4-28 UNF w/Cable Lock M 1/4 - 28 UNF w/o Cable Lock S Manifold	1 1 x 4 (.400") 2 2 x 2 6 1 x 4 (.600")	G Gage D Differential

**Example:** 26PCBFA2G

Compensated and calibrated 5 psi sensor with fluorosilicone seal, straight port, 2 x 2 terminals, and Gage pressure measurement.

\*Other media seal materials may be available.

\*\*P2 side of die coated for environmental and dielectric protection.

**See Accessories Guide, page 27.**

Not all combinations are established.  
Contact 800 number before final design.