

## 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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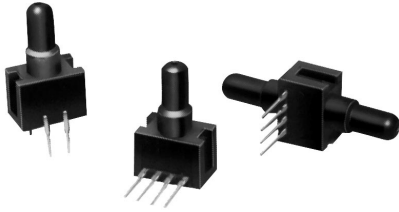
Freeport, Illinois 61032

# 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.

# Mouser Electronics

Authorized Distributor

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