

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.

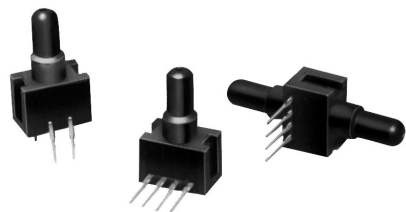
Sensing and Control
Honeywell Inc.
11 West Spring Street
Freeport, Illinois 61032

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

2 Product Family	6 Circuit Type	PC Pressure Transducer	B Pressure Range	F* Type of Seal	A Type of Port	2 Termination Style	G 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.