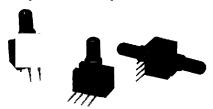
Gage and Differential/Unamplified

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
- Choice of termination for gage sensors
- Calibrated Null and F.S.O.
- Temperature compensated for F.S.O. over 0 to 50°C
- Provides interchangeability
- Can be used to measure with vacuum or positive pressure

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

	Min.	Тур.	Max.	Units
Excitation		10	16	VDC
Null Offset	-1.5	0	+1.5	mV
Null Shift, 25° to 0°, 25° to 50°C			±1.0	mV
Linearity, P2 > P1, BFSL			±1.0	%F.S.O.
Sensitivity Shift, 25° to 0°, 25° to 50°C			±1.0	%F.S.O.
Repeatability & Hysteresis		±0.20		%F.S.O.
Response Time			1.0	msec
Input Resistance		7.5 K		ohms
Output Resistance		2.5 K		ohms
Stability over One Year		±0.5		%F.S.O.
Weight		2		grams

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	Qualification tested to 0 to 2 kHz, 10 g sine
Media (P1 & P2)	Limited only to those media which will not attack polyester, silicon and fluorosilicone seal

26PC SERIES ORDER GUIDE

Catalog	Pressure Range	Full Scale Output F.S.O., mV		Sensitivity mV/psl	Overpressure	Linearity, %F.S.O.	
Listing	psi	Min.	Typ.	Max.	Тур.	psi Max.	P2 > P1 Max.
26PCB Type	5.0	47	50	53	10	20	±1.0
26PCC Type	15	97	100	103	6.67	45	±1.0
26PCD Type	30	97	100	103	3.33	60	±1.0

Honeywell ● MICRO SWITCH Division

For application help: call 1-800-537-6945.

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GAGE SENSOR SELECTION GUIDE

2	6	PC	B	F	A	2	G
Product	Circuit	Pressure	Pressure	Type of	Type of	Termination	Pressure
Family	Type	Transducer	Range	Seal	Port	Style	Measurement
2 20PC family	6 Compensated Calibrated		B 5 psi C 15 psi D 30 psi	F Fluorosilicone	A Straight B Barbed C Luer D Modular H M5 Thread I 90" Port J Needle M 1/2° 28 NPT Thread	11x4 22x2	G Gage

DIFFERENTIAL SENSOR SELECTION GUIDE

2	6	PC	В	F	A	1	D
Product Family	Circuit Type	Pressure Transducer	Pressure Range	Type of Seal	Type of Port	Termination Style	Pressure Measurement
2 20PC family	6 Compensated Calibrated		B 5 psi C 15 psi	F Fluorosilicone	▲ Straight	11x4	D Differential

Example: 26PCBFA2G

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

16PC REPLACEMENT SELECTION GUIDE (Terminal Style 3, not shown)

Obsolete	F.S.O.	(mV) @	10 VDC	/DC Replacement F.S.O. (mV) @ 10			IO VDC
14PC Listing	Min.	Тур.	Max.	26PC Listing	Min.	Тур.	Max.
16PC05GF 16PC05DF 16PC05MF	48	50	52	26PCBFA3G 26PCBFA3D 26PCBFD3G	47	50	53
16PC15GF 16PC15DF 16PC15MF	98	100	102	26PCCFA3G 26PCCFA3D 26PCCFD3G	97	100	103
16PC30GF 16PC30DF 16PC30MF	78	80	82	26PCDFA3G 26PCDFA3D 26PCDFD3G	97	100	103

Not all combinations are established. Contact 800 number before final design. The following listings are typically stocked in small quantities.

26PC ORDER GUIDE

Catalog Listing
26PCBFA1D
26PCBFA1G 26PCCFA1D
 26PCCFA1G
 26PCDFA1D
26PCDFA1G

ACCESSORIES SELECTION GUIDE

Catalog Number	Description
PC10182	Steel lockring (Included with Port Style A, 1 x 4 terminals only)
PC10949	Single hole plastic bracket (Must be separately ordered)