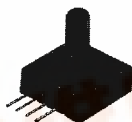


Pressure Sensors Gage/Unamplified

130PC Series

Basic Sensors [查询"134PC05G2"供应商](#)



FEATURES

- Miniature package
- Can be used to measure with vacuum or positive pressure
- Absolute and gage sensors available

134PC SERIES PERFORMANCE CHARACTERISTICS at 10.0 ±0.01 VDC Excitation, 25°C

	Min.	Typ.	Max.	Units
Excitation	---	10	12	VDC
Null Offset	-40	0	+40	mV
Null Shift, 25° to 0°, 25° to 50°C	---	±2.0	±4.0	mV
Sensitivity Shift, 25° to 0°, 25° to 50°C	---	±6.5	---	%F.S.O. @ 10 VDC
Repeatability & Hysteresis	---	±0.15	---	%F.S.O.
Response Time	---	---	1.0	msec
Input Resistance	---	5.0 K	---	ohms
Output Resistance	---	5.0 K	---	ohms
Stability over One Year	---	±0.5	---	%F.S.O.
Weight	---	5	---	grams

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40° to +85°C (-40° to +185°F)
Storage Temperature	-55° to +125°C (-67° to +257°F)
Shock	MIL-STD-202, Method 213 (150 g, half sine, 11 msec)
Vibration	MIL-STD-202, Method 204 (10 to 2000 Hz at 20 g)
Media	P2 port Wetted materials: polyester housing, epoxy adhesive, silicon, borosilicate glass, and silicon-to-glass bond* P1 port Dry gases only

* Liquid media containing some highly ionic solutions could potentially neutralize the chip-to-glass tube bond.

134PC SERIES ORDER GUIDE

Catalog Listing	Pressure Range psi	Full Scale Output F.S.O. mV			Sensitivity mV/psi Typ.	Overpressure psi Max.	Linearity, %F.S.O.	
		Min.	Typ.	Max.			P2 > P1 Typ.	P1 > P2 Typ.
134PC05G2	0-5	80	115	150	23	20	±0.10	±0.10
134PC15G2	0-15	175	250	325	16.67	45	±0.10	±0.10
134PC15G2L	0-15 (L)	58	99	140	6.60	60	±0.10	±0.10
134PC15G2L	0-30 (0-15 L)	110	195	280	6.5	60	±0.10	±0.10
134PC100G2	0-100	150	225	300	2.25	150	±0.5	---
134PC150G2	0-150	90	127.5	165	0.85	225	±0.10	---