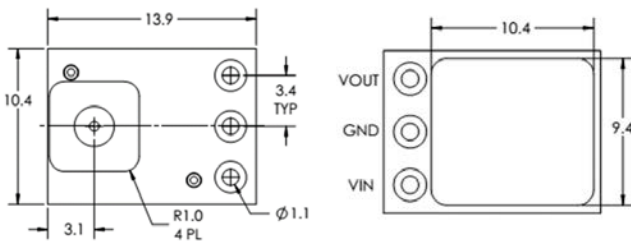


LCIS Media-Compatible Pressure Sensor

NovaSensor LCIS Media-Compatible Pressure Sensors feature a high stability SenStable[®] backside MEMS piezoresistive chip placed in a board-mountable package. The ceramic button pressure port isolates onboard electronics and allows for operation in hostile environments. These sensors monitor pressure in industrial, medical and transportation applications by producing a voltage output that is linearly proportional to the input pressure.

Features

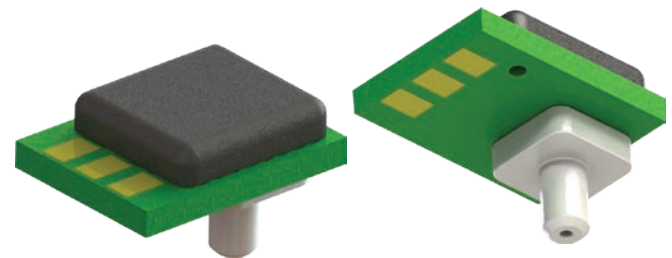
- Pressure Ranges: 150 psi (1034 kPa) and 300 psi (2068 kPa)
- High stability and reliability with Silicon MEMS chip
- Absolute and gauge variants
- Ceramic button pressure port
- Miniature size
- Operating Temperature: -40°F to 302°F (-40°C to 150°C)
- Custom transfer functions available



Applications

- Industrial Process Control
- Water Management
- HVAC Systems
- Refrigeration Systems

For ordering and inquiries please contact:
irina.pozdnyakova@amphenol-sensors.com



Specifications

Parameter	Typical	Unit
Total Error Band *	+/-2	%FSO
Compensated Temp.	0 to 85	°C
Over Pressure	2x	
Burst Pressure	3x	
Lifetime Drift	+/-0.5	%FSO
Supply Voltage (Vcc)	4.5 to 5.5	V
Supply Current	3	mA
Output Range	10% to 90%	Vcc
Output Clipping Limit	5% to 95%	Vcc

* Total Error Band comprises Offset, Full Scale Span, Non-Linearity, Hysteresis, Non-Repeatability, all Thermal effects

Ordering Information

Model	Code	Pressure Range
	150	150 psi
	300	300 psi
	Code	Pressure Type
	A	Absolute
	G	Gauge
LCIS -	XXX -	X