

M3431-000003-010BG Connection Information		
0.5~4.5V Output, 5 ±0.25VDC Input	Wire Color / External Connections	
	Red	White
	+ Excitation	+ Signal
		- Excitation
Model Number Interpretation		
...-3-...	Electrical Output: 0.5~4.5V	
...-1-...	1=cable of 2 feet	
...-3-...	Port Type 3=1/8-28BSP	
...-010B...	Pressure Range 0~010 Bar(0~1MPa)	
...-G	Pressure Units G=gauge	
General Specifications		
Output	0.5~4.5V at 5VDC Input	
Over Pressure	2 times rated pressure	
Burst Pressure	5 times full scale or 20,000psi(137.9MPa), whichever is less	
Accuracy	<1% of F.S. BFSL at room temperature (includes nonlinearity, hysteresis and repeatability)	
Zero Offset	+/-3% of FS for 0~100mV/+/-2% for amplified	
Span tolerance	+/-2% of FS for 0~100mV/+/-2% for amplified	
Environmental Specifications		
Operating Temperature Range	-4° to 185° F	-20° to 85°C
Compensated Temperature Range	30° to 130°F	0° to 55°C
Long Term Stability (1 year)	<+/-0.25% of FS, typical	
Durability	>10 ⁸ full pressure cycles	
Zero thermal error	<+/-2% of FS	
Span thermal error	<+/-2% of FS	
Fluid Compatibility	Any gas or liquid compatible with 17-4PH stainless steel	

P/N:C15089-C

Dear Valued Customer:

The enclosed pressure transducer has been manufactured, tested, and inspected in accordance with all applicable procedures and practices as established in our registered ISO 9000 quality system. We certify that this sensor is in full conformance with all written specifications as contained in this data sheet.

Measurement specialties (China) Ltd.

JL-ENGRFR---0001 Rev. A