

	ENGLISH	SI	
Performance			
Sensitivity(± 30 %)	1200 pC/psi	174 pC/kPa	
Measurement Range	10 psi	68.9 kPa	
Maximum Pressure(static)	600 psi	4136 kPa	
Resonant Frequency	≥ 25 kHz	≥ 25 kHz	
Rise Time(Reflected)	≤ 10 μ sec	≤ 10 μ sec	
Non-Linearity	≤ 1.0 % FS	≤ 1.0 % FS	[4]
Environmental			
Acceleration Sensitivity	<0.01 psi/g	<0.007 kPa/(m/s ²)	
Temperature Range(Operating)	0 to 500 °F	-18 to 260 °C	
Temperature Coefficient of Sensitivity	≤ 0.08 %/°F	≤ 0.144 %/°C	
Maximum Shock	1000 g pk	1000 g pk	
Hazardous Area Approval	Ex ia IIC T6 Ga (Tamb ≤80°C)	Ex ia IIC T6 Ga (Tamb ≤80°C)	[2][3]
Hazardous Area Approval	Ex ia IIC T5 Ga (Tamb ≤95°C)	Ex ia IIC T5 Ga (Tamb ≤95°C)	[2][3]
Hazardous Area Approval	Ex ia IIC T4 Ga (Tamb ≤130°C)	Ex ia IIC T4 Ga (Tamb ≤130°C)	[2][3]
Hazardous Area Approval	Ex ia IIC T3 Ga (Tamb ≤190°C)	Ex ia IIC T3 Ga (Tamb ≤190°C)	[2][3]
Hazardous Area Approval	Ex ia IIC T2 Ga (Tamb ≤260°C)	Ex ia IIC T2 Ga (Tamb ≤260°C)	[2][3]
Hazardous Area Approval	Ex nA IIC T2 Gc (Tamb ≤260°C)	Ex nA IIC T2 Gc (Tamb ≤260°C)	[2][3]
Electrical			
Output Polarity	Differential	Differential	
Capacitance	12,000 pF	12,000 pF	[1]
Electrical Isolation	≥ 10 ⁸ Ohm	≥ 10 ⁸ Ohm	
Internal Resistance(room temp)	≥ 1 GOhm	≥ 1 GOhm	
Internal Resistance(@500F)	≥ 500 kohm	≥ 500 kohm	
Physical			
Sensing Geometry	Compression	Compression	
Housing Material	316L Stainless Steel	316L Stainless Steel	
Diaphragm	316L Stainless Steel	316L Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	2-Pin MIL-C-5015	2-Pin MIL-C-5015	
Weight	6.5 oz	185 gm	[1]

OPTIONAL VERSIONS

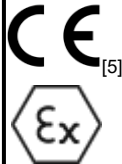
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Typical.
 [2] ATEX
 [3] IECEx
 [4] Zero-based, least-squares, straight line method.
 [5] See PCB Declaration of Conformance PS132 for details.

SUPPLIED ACCESSORIES:
 Model 31061-01 SEAL, 1.370" OD x 1.130" ID x.030", BRASS (2)

Entered: LK	Engineer: MJK	Sales: DPC	Approved: RPF	Spec Number:
Date: 4/16/2019	Date: 4/16/2019	Date: 4/16/2019	Date: 4/16/2019	61450



*All specifications are at room temperature unless otherwise specified.
 In the interest of constant product improvement, we reserve the right to change specifications without notice.*

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	Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com
3425 Walden Avenue, Depew, NY 14043	