

	ENGLISH	SI
<b>Performance</b>		
Output	4-20 mA	4-20 mA
Machinery RPM Range	240 to 10,000 cpm	4 to 166 Hz
Time Window	0.1 to 4.0 sec	0.1 to 4.0 sec
Weighting Factor	0.2 to 16 mA	0.2 to 16 mA
Trending Range Current	4 to 20 mA	4 to 20 mA
Threshold Level	2 to 50 g	2 to 50 g
<b>Environmental</b>		
Temperature Range	-40 to 212 °F	-40 to 100 °C
Storage Temperature Range	-40 to 257 °F	-40 to 125 °C
<b>Electrical</b>		
Excitation Voltage	15 to 30 VDC	15 to 30 VDC
Load Resistance	50(Vs-15) Ohm	50(Vs-15) Ohm
Electrical Isolation	> 10 <sup>^</sup> 8 Ohm	> 10 <sup>^</sup> 8 Ohm
<b>Physical</b>		
Size - Hex	1.25 in	32 mm
Size - Height	2.60 in	66 mm
Weight	7 oz	198 gm
Mounting Thread	1/4-28 UNF	1/4-28 UNF
Mounting Torque	3 to 5 ft-lb	4 to 7 Nm
Sensing Element	Piezoelectric Accelerometer	Piezoelectric Accelerometer
Housing Material	Stainless Steel	Stainless Steel
Sealing	Welded Hermetic	Welded Hermetic
Electrical Connection Position	Top	Top
Electrical Connections (Pin A)	4-20 mA Pos (+)	4-20 mA Pos (+)
Electrical Connections (Pin B)	4-20 mA Neg (-)	4-20 mA Neg (-)
Overload Limit (Shock)	5,000 g pk	49,050 m/s <sup>2</sup> pk

**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.

**EX** - Hazardous Area Approval- contact factory for specific approvals

**M** - Metric Mount  
Supplied Accessory: Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1)

**NOTES:**  
[1]See PCB Declaration of Conformance PS039 or PS053 for details.

**SUPPLIED ACCESSORIES:**  
Model 081A41 Mounting stud 1/4-28 socket head set screw brass tip stainless steel 5/8" long (1)

Entered: lk	Engineer: LAB	Sales: MC	Approved: NJF	Spec Number:
Date: 08/05/2019	Date: 08/05/2019	Date: 08/05/2019	Date: 08/05/2019	38166



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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**IMI SENSORS**  
A PCB PIEZOTRONICS DIV.  
3425 Walden Avenue, Depew, NY 14043

**Phone: 800-959-4464**  
**Fax: 716-684-3823**  
**E-Mail: imi@pcb.com**