

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Alarm Threshold(± 10 %)	0.25 to 5 in/sec pk	4.5 to 90 mm/s rms	[2]
Frequency Range(± 3 dB)	420 to 60 kcpm	7 to 1000 Hz	
Hysteresis(% < Alarm Threshold)	3; 6; or 10 %	3; 6; or 10 %	[2]
Residual Vibration Level(Reference)	Dependent or Independent	Dependent or Independent	[2]
Residual Vibration Level(% Alarm Threshold)	1 to 40 %	1 to 40 %	[2]
MAVT(Sets Alarm Threshold to 2X actual vibration)	Enabled or Disabled	Enabled or Disabled	[2]
Transverse Sensitivity	<3 %	<3 %	
Power On Delay(± 1 sec)	3 or 20 sec	3 or 20 sec	[2]
Startup Delay(± 1 sec or 1 min)(Time)	1 to 60 sec or 1 to 30 min	1 to 60 sec or 1 to 30 min	[2]
Startup Delay(x Alarm Threshold)	x2; x4; x8; Blocked	x2; x4; x8; Blocked	[2]
Startup Delay(Active)	Enabled or Disabled	Enabled or Disabled	[2]
Operational Delay(± 1 sec)	1 to 60 sec	1 to 60 sec	[2]
Relay(Type)	SPST, Form A or B MOSFET	SPST, Form A or B MOSFET	
Relay(Capacity)	24 to 240 V AC/DC, 500 mA	24 to 240 V AC/DC, 500 mA	
Relay(Latching)	Latching / Non-Latching	Latching / Non-Latching	[2]
Relay(Contacts)	Normally Open / Closed	Normally Open / Closed	[2]
Environmental			
Temperature Range(Operating)	-40 to 185 °F	-40 to 85 °C	
Temperature Range(Storage)	-40 to 257 °F	-40 to 125 °C	
Overload Limit(Shock)	5000 g pk	49,050 m/s ² pk	
Humidity Range(Condensing)	0 to 100 %	0 to 100 %	
Enclosure Rating	IP67	IP67	[1]
Electrical			
Power Required	24 to 240 V DC/AC 50/60 Hz	24 to 240 V DC/AC 50/60 Hz	
Current Rating(Relay Closed)	500 mA	500 mA	
Leak Current(Relay Open)	1 mA	1 mA	
Electrical Isolation(Case)	>10 ⁸ Ohm	>10 ⁸ Ohm	
Physical			
Size (Hex x Height)	1.25 in x 2.6 in	1.25 in x 66 mm	
Weight	5.2 oz	148 gm	
Mounting Torque	3 to 5 ft-lb	4 to 7 Nm	
Mounting Thread	1/4-28 Female	1/4-28 Female	
Sensing Element(Internal)	Piezoelectric Accelerometer	Piezoelectric Accelerometer	
Housing Material	Stainless Steel	Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	
Electrical Connector	Molded Integral Cable	Molded Integral Cable	
Cable Length	10 ft	3 m	
Cable Termination	Blunt cut	Blunt cut	
Electrical Connection Position	Top	Top	
Cable Type	Polyurethane (Model 052)	Polyurethane (Model 052)	

<u>OPTIONAL VERSIONS</u>		
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		
Current Rating(Relay Closed)	100 mA	100 mA
Hazardous Area Approval	CI I, Div 2, Groups A, B, C, D; Ex nL IICT3, AEx nA IICT3	CI I, Div 2, Groups A, B, C, D; Ex nL IICT3, AEx nA IICT3
Power Required	10 to 30 VDC	10 to 30 VDC
Relay(Capacity)	10 to 30 VDC, 100 mA	10 to 30 VDC, 100 mA
M - Metric Mount		
Supplied Accessory : Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1)		

NOTES:
 [1]For sensor and cable exit only, customer is responsible for sealing at cable termination
 [2]USB Programmable - See configuration sheet supplied with switch for exact setting.
 [3]See PCB Declaration of Conformance PS096 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: RB	Sales: MC	Approved: NJF	Spec Number:
Date: 3/17/2016	Date: 3/17/2016	Date: 3/17/2016	Date: 3/17/2016	43195



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.



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