

	ENGLISH	SI	
Performance			
Alarm Threshold(± 10 %)	0.25 to 5 in/sec pk	4.5 to 90 mm/s rms	[1]
Frequency Range(± 3 dB)	120 to 60 kcpm	2 to 1,000 Hz	
Hysteresis(% < Alarm Threshold)	3; 6; or 10 %	3; 6; or 10 %	[1]
Residual Vibration Level(Reference)	Dependent or Independent	Dependent or Independent	[1]
Residual Vibration Level(% Alarm Threshold)	1 to 40 %	1 to 40 %	[1]
MAVT(Sets Alarm Threshold to 2X actual vibration)	Enabled or Disabled	Enabled or Disabled	[1]
Transverse Sensitivity	< 7 %	< 7 %	
Power On Delay(± 1 sec)	3 or 20 sec	3 or 20 sec	[1]
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	[1]
Startup Delay(x Alarm Threshold)	x2; x4; x8; Blocked	x2; x4; x8; Blocked	[1]
Startup Delay(Active)	Enabled or Disabled	Enabled or Disabled	[1]
Operational Delay(± 1 sec)	1 to 60 sec	1 to 60 sec	[1]
Relay(Type)	SPST, Form A or B MOSFET	SPST, Form A or B MOSFET	
Relay(Latching)	Latching / Non-Latching	Latching / Non-Latching	[1]
Relay(Contacts)	Normally Open / Closed	Normally Open / Closed	[1]
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)	5,000 g pk	49,050 m/s ² pk	
Enclosure Rating	IP68	IP68	
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	2-Pin MIL-C-5015	2-Pin MIL-C-5015	
Electrical Connection Position	Top	Top	

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]USB Programmable - See configuration sheet supplied with switch for exact setting.
[2]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)
Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1)

Entered: ND	Engineer: gs	Sales: JL	Approved: BAM	Spec Number:
Date: 07/28/2023	Date: 07/28/2023	Date: 07/28/2023	Date: 07/28/2023	55110



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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.