

Model Number  
EX685A09

# VIBRATION SWITCH

Revision: NR  
ECN #: 54129

## Performance

Measurement Range

0 to 7 g pk

0 to 68.7 m/s<sup>2</sup> pk

Frequency Range

0 to 6,000 cpm

0 to 100 Hz

Relay

3A Form C 480 VAC

3A Form C 480 VAC

Relay(Contacts)(DPDT)

Normally Open / Closed

Normally Open / Closed

## Control Interface

Reset Function

Momentary Pushbutton  
Switch

Momentary Pushbutton  
Switch

## Environmental

Temperature Range(Operating)

-4 to 140 °F

-20 to 60 °C

Hazardous Area Approval

See Manual

See Manual

Enclosure Rating

IP66

IP66

## Physical

Size (Width x Height x Depth)

6.38 in x 4.18 in x 6.38 in

162.1 mm x 106.3 mm x 162.1

Weight

6.1 lb

2.7 kg

Sensing Element

Magnet

Magnet

Housing Material

Aluminum Alloy

Aluminum Alloy

Electrical Connector

Screw Terminals

Screw Terminals

Screw Terminal Wire Size

24-14 AWG

0.2 - 2.5 mm<sup>2</sup>

Cable Input

3/4-14 NPT

3/4-14 NPT

Sensing Geometry

Inertial Element

Inertial Element

## 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]See PCB Declaration of Conformance PS145 for details.



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.

Entered: ND	Engineer: LAB	Sales: JL	Approved: NJF	Spec Number:
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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