

Crash Sensor and Firing Module
Combination Sensor and Firing Circuit

Special Features:

- High Reliability & Accuracy
- Small, Lightweight, Low Cost
- Self Test and Safe Arm
- Qualified to RTCA/DO-160
- Hermetically Sealed for Flight
- Fast Response, less than 29 milli seconds
- Can Fire Multiple Systems
- No Power Required, Self Contained
- No Fire exposed to 8 grms Random Vibration

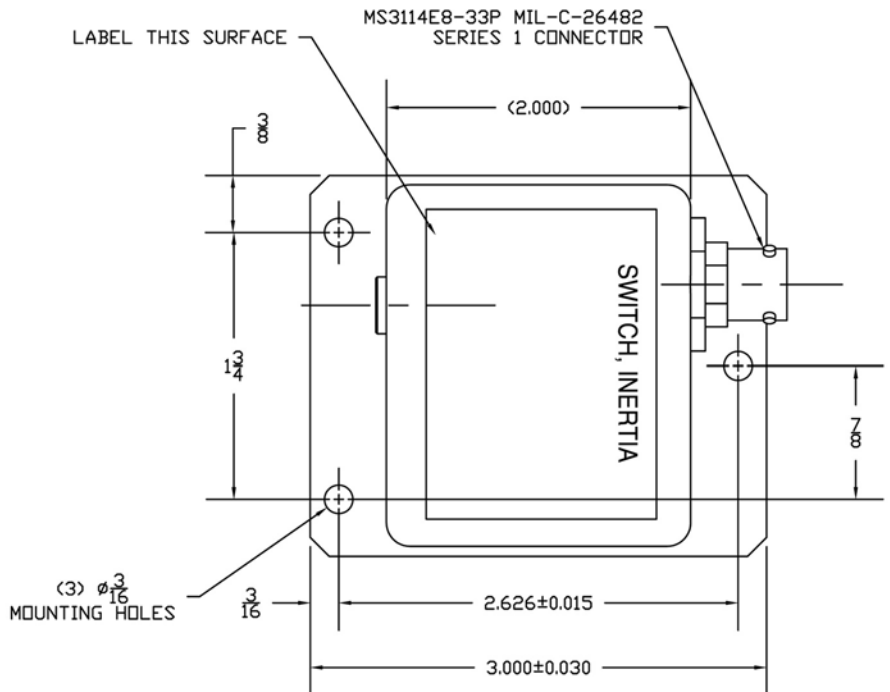
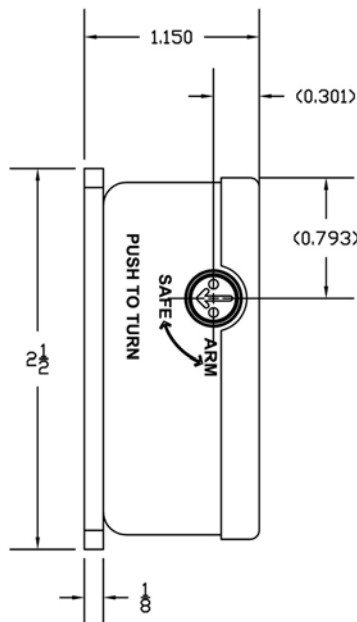


Specifications:

Sensitivity.....	Unidirectional
G Set Point	2.0 g's
Accuracy.....	5%
Contact Type.....	SPST, NO or NC
Contact Rating.....	2.0A
Contact Resistance.....	less than 0.2 ohm
Insulation Resistance.....	500 Mohms @ 500 VDC
Operating Temperature.....	-55C to +125C
Response Time.....	Less than 30ms
Life.....	10 years
Reset.....	Automatic g decay

General Description:

The Inertia Switch model 6UO-924 was developed for the use in Aircraft Restraint Systems. When a predetermined amount of acceleration over time (velocity) is experienced, a strong burst of electrical energy is delivered to a bridge wire(s) to initiate a gas delivery system. A fast response while not being inadvertently activated is extremely important in air bag applications. With no aircraft power needed, this device meets stringent EMI and HIRF specifications.



The information on this data sheet is for reference only. Please verify all specifications by consulting our engineering department for the appropriate outline control drawing.