

Trans-Monitor Impact Switch



The Trans-Monitor Impact Switch (TMIS) consists of two sets of spring loaded steel balls that hold copper contacts apart, creating an open circuit through the device. If impacts are greater than the G force of the device, the balls will dislodge from their set positions completing the circuit from the connected wires of the device installed to your external circuit. Depending on the configuration of your external circuit, the TMIS will either turn on or turn off your equipment.

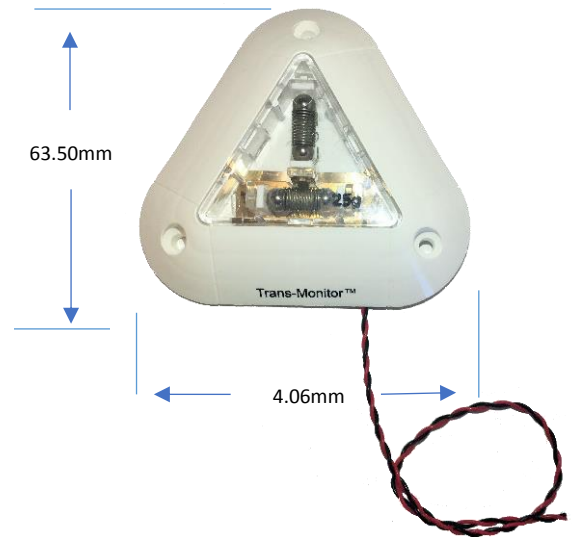
The TMIS provides a wide range of uses for safety, quality control, operational, equipment alerts or warning, damage to equipment, equipment misuse, and many other applications. A compact design allows the device to fit in a small space and the adhesive backing makes the installation easy.

Technical Specifications

Item	Description
Height	0.65 in. / 16.50mm
Diameter*	4.06 in. / 103.12mm
Length*	3.78 in. / 96.00mm
Temperature	-100° F to 155° F (-73° C to 68° C)
Accuracy	±15%
Mounting	Self-adhesive / screws
Wire	28 Gauge AWG, 12" L
"g" Range	Available in 20g-100g in increments of 10. Also available in 15g, 25g, and 300g

*Smaller size available for restricted space – contact us for details

Part number - TMIS-015G through TMIS-300G



The Trans-Monitor Impact Switch detection is all-directional due to the configuration of the ball/spring configurations set at a 90° angle from each other. This configuration allows the device to register an impact from any angle with the accuracy listed above. Only 1 of the 2 ball/spring sets must trip to activate the device and close the circuit.

When the TMIS is wired to the equipment being monitored, it becomes part of the active circuit. If the device receives an impact greater than the rated g force, the contacts in the device connect closing the circuit. Depending on the configuration of your external circuit, the TMIS will either turn on or turn off your external equipment.

Recommended g Force Usage by Weight

