

Tactilus® bolt switch sensor on a bolted interface

The biggest step in bolt security since the guard dog

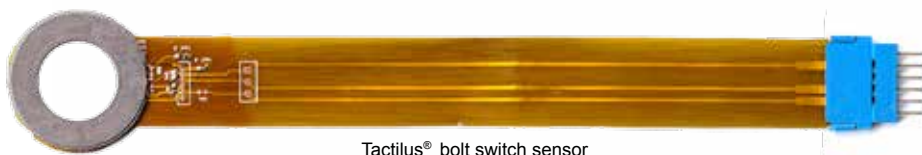
The Tactilus® Bolt Switch is a revolutionary new means to ascertain bolt loosening — whether from vibration, tampering or accidents.

The foundation of the Tactilus® switch consists of 3 small metallic domes made of memory retaining metals. Upon compression these domes create a circuit. The redundancy of 3 domes (all within the contact area) virtually eliminates false positives or negatives from occurring—all three domes, independently need to indicate an open or closed circuit state. Add to this redundancy the placement of the entire electronic controller within the compressed region and you achieve a level of pilfer resistance and reliability that is unmatched in the industry.

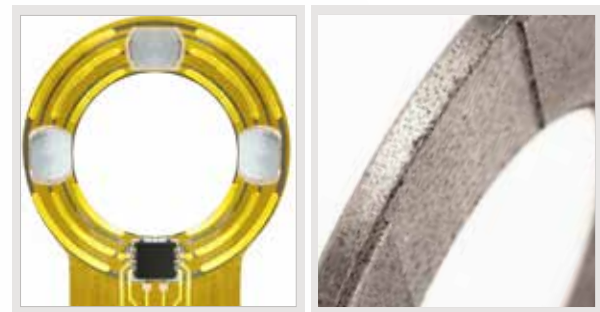
Specifications

Technology	Resistive
Activation Gap	10 mils
Sensing Points	3
Total Sensing Area	Customizable to application
Scan Speed	Up to 100 hertz
OD	Variable from 0.52 in (1.32 cm)
ID	Variable from 0.11 in (0.28 cm)
Thickness	14 mils (0.35 mm)

The Tactilus® load washer sensor system comes equipped with everything you need for your analysis: the sensor element, electronics controller and Windows-based software.



Tactilus® bolt switch sensor



The core element of tactilus's functionality are the three smart alloy spheroids. The core element of tactilus's security capability is the micromachined washer that houses and protects the electronic circuit