


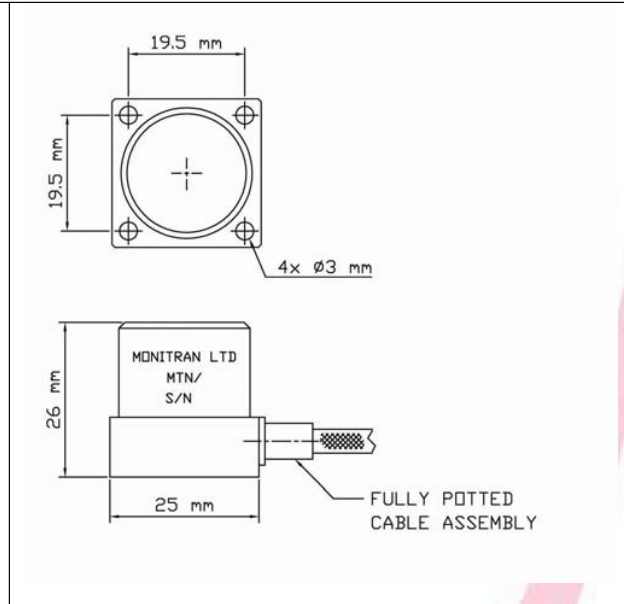


## MTN/1310 Tri-axial Accelerometer

### Applications

-  Aerospace
-  Automotive
-  Research & Development

Tri-axial accelerometers are ideally suited to any application where vibration in any or all of the three spatial axes needs to be measured.



### Electrical Specification

Frequency range	1Hz to 30kHz
Charge sensitivity	5pC/g $\pm$ 10%
Capacitance	300pF (nominal)

The MTN/1310 is supplied with an integral over-braided 4-core cable and three charge amplifiers (Monitran's MTN/CA003s).

### Mechanical Specification

Weight	35g
Acceleration Range	$\pm$ 2,000g
Temperature Range	-55 to 250°C
Sealing	IP64
Case Material	Stainless steel
Mounting	4-point mount using M3 cap heads (not supplied)

### System Connection

The MTN/1310 requires a monitoring circuit (per axis) such as that shown in the schematic on the right.

