


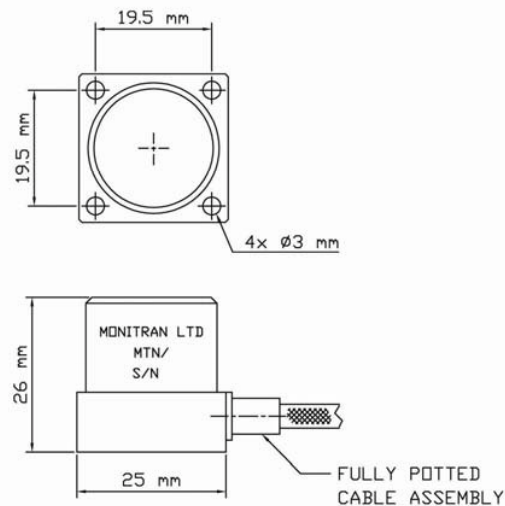


MTN/1310 Tri-axial Accelerometer

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.

