# **HS-172 Premium Biaxial Accelerometer**

Two AC outputs via M12 Connector

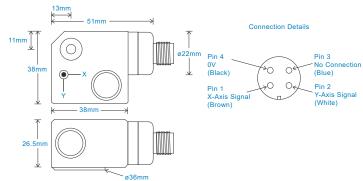
## **Key Features**

- · Output via two axies
- · For use with data collector
- · Customisable features

#### Industries

Building services, Pulp and Paper, Mining, Metals, Utilities, Automotive, Water, Pharmaceutical





#### **Technical Performance**

Range see: 'How To Order' table
Transverse Sensitivity Less than 5%

#### Mechanical

Case Material 316L Stainless Steel unless specified Aluminium Sensing Element/Construction PZT/Shear Mounting Torque 8Nm Mounting Bolt Provided see: 'How To Order' table x 30mm long Weight 235gms (nominal) - Stainless Steel 115gms (nominal) - Aluminium Screened Cable Assembly HS-AC010 - straight Mounting Threads see: 'How To Order' table

#### Electrical

 Electrical Noise
 0.1mg max

 Current Range
 0.5mA to 8mA

 Bias Voltage
 10 - 12 Volts DC

 Settling Time
 1 second

 Output Impedance
 200 Ohms max.

 Case Isolation
 >108 Ohms at 500 Volts

#### Environmental

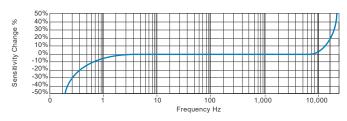
 Operating Temperature Range
 -55 to 130°C

 Sealing
 IP67

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

## Typical Frequency Response (at 100mV/g)



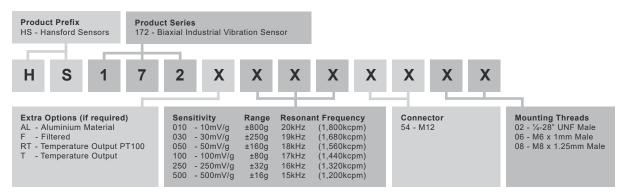
#### **Applications**

Fans, Motors, Pumps, Compressors, Centrifuges, Conveyors, Air Handlers, Gearboxes, Rolls, Dryers, Presses, Cooling, VAC, Spindles, Machine Tooling, Process Equipment

Vibration sensor should be firmly fixed to a flat surface (spot face surface may be needed to be produced and cable anchored to sensor body.)



## How To Order





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