# **HS-422 Accelerometer**

# 4-20mA acceleration output via Braided Cable

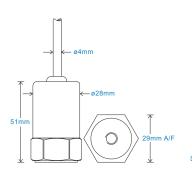
#### **Key Features**

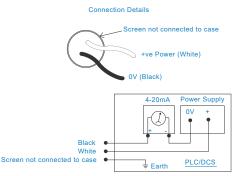
- 4-20mA acceleration output
- · For use with PLC/DCS systems
- · Customisable features

#### Industries

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







#### **Technical Performance**

#### Mechanical

Case Material Stainless Steel
Sensing Element/Construction PZT/Compression
Mounting Torque 8Nm
Weight 150gms (nominal) body only
Maximum Cable Length 1000 metres
Standard Cable Length 5 metres
Screened Cable Braided - length to be specified with order
Mounting Threads see: 'How To Order' table

#### Electrical

Current Output 4-20mA DC proportional to acceleration
Supply Voltage 15-30 Volts DC (for 4-20mA)
Settling Time 2 seconds
Output Impedance Loop Resistance 600 Ohms max. at 24 Volts
Case Isolation >10° Ohms at 500 Volts

## Environmental

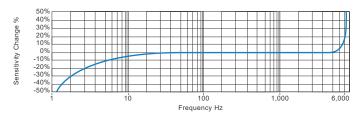
 Operating Temperature Range
 -25 to 120°C

 Sealing
 IP65

 Maximum Shock
 5000g

 EMC
 EN61326-1:2013

## Typical Frequency Response



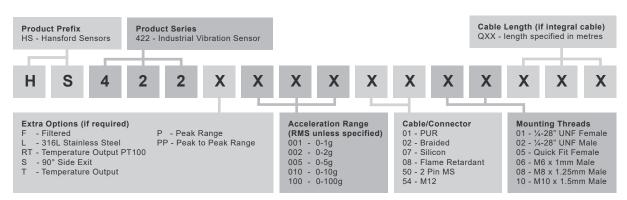
#### **Applications**

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





# Distributor in Egypt



sales@hansfordsensors.com

We reserve the right to alter the

www.hansfordsensors.com

specification of this product without prior

notice TS013.10

