HS-140 Charge Output Accelerometer AC acceleration output via Microdot Connector

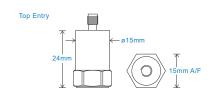
Key Features

- OEM
- High Temperature

Industries

Test and Measurement







Technical Performance

Mounted Base Resonance 32kHz (nominal) Sensitivity see: 'How To Order' table ±10% Nominal 80Hz at 22°C Frequency Response 2Hz (120cpm) to 12kHz (720kcpm) ± 5% - dependant on charge amplifier Base non-isolated Isolation Range ±800g Transverse Sensitivity Less than 5% Amplitude Linearity ±1%

Mechanical

Case Material Stainless Steel Sensing Element/Construction PZT/Compression Mounting Torque 3Nm Weight 24gms (nominal) body only Screened Cable Assembly AC015 Maximum Cable Length 10 metres Mating Connector Microdot see: 'How To Order' table Mounting Threads Radiation Resistant Select as an option if required

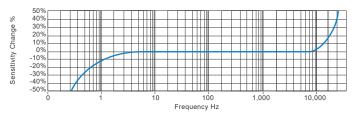
Electrical

Capacitance 450 pF nom. Charge Amplifier External unit required: HS-CA002 - standard HS-CA001 - velocity

Environmental

Operating Temperature Range	-55 to 250°C
Sealing	IP55
Maximum Shock	5000g
EMC	EN61326-1:2013

Typical Frequency Response (at 100mV/g)



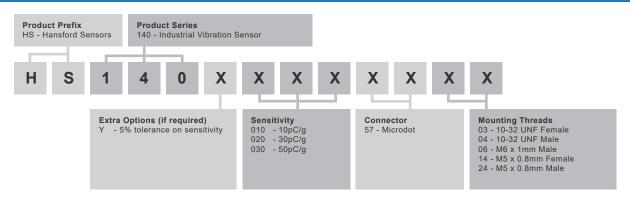
Applications

Feed Pumps, Boilers, Turbines and Compressors

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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