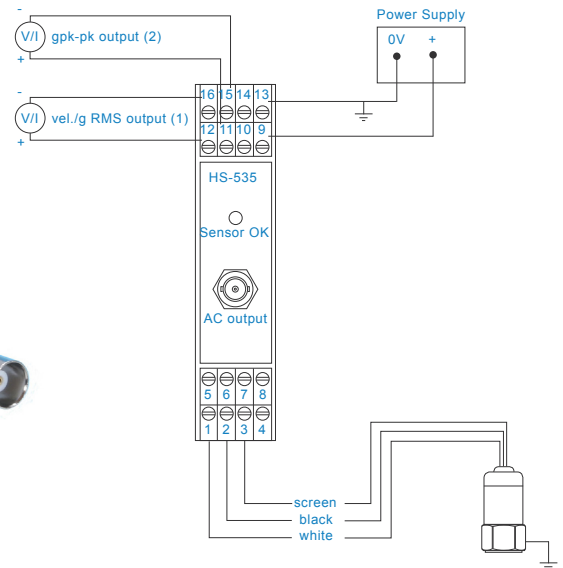


# HS-535 Vibration Module

## Three Outputs

### Key Features

- Converts AC input to multiple outputs
- Din Rail Mounted
- TDX OK Function
- RMS Velocity Output
- Peak 'g' Output
- 0-10V and 4-20mA Outputs for PLCs
- Buffered Acceleration Output (for data collection)
- Displacement peak or peak to peak



### Technical Performance

Input	100 mV/g constant current accelerometer
G (RMS)	10Hz to 5kHz
Frequency Range	2 Hz to 10 kHz (-3dB)
G pk-pk Filters	10Hz to 1.5 kHz or 3.5 kHz or 5 kHz (-3dB) 2-pole Butterworth. Set by internal links
Velocity Filters	10Hz to 1kHz (-3dB) 2-pole Butterworth
Displacement Filters	10Hz to 40Hz (-3dB) 2-pole Butterworth

### Mechanical

Case Material	Plastic
Mounting	DIN Rail TS35 (Top Hat)
Dimensions	134 x 99 x 22.5 mm (H x D x W) including BNC
Connections	Screw Clamp
Conductor Size	0.5 to 4.0 mm
Weight	140 gms (nom)

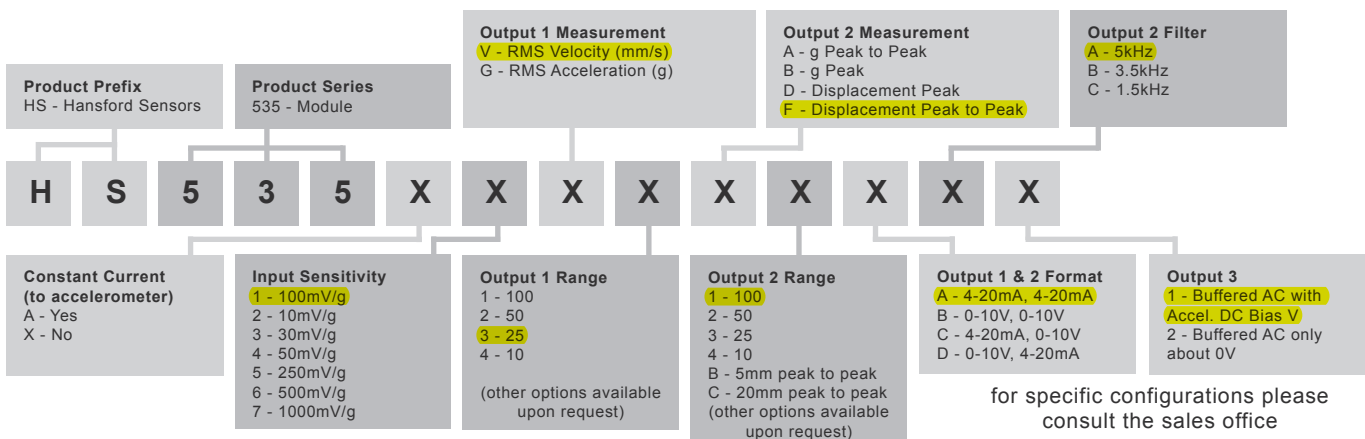
### Electrical

Power Input	+24 V DC at 50 mA (HS-570 Power Supply Module)
Output 1	0-10 VDC or 4-20 mA = velocity or g RMS. Set by internal link.
Output 2	0-10 VDC or 4-20 mA = g pk or pk to pk or displacement, see 'How To Order' table. Set by internal links
Output 3 (BNC)	Buffered accel. Output with DC bias voltage (nom. 12 VDC) AC only about 0 V optional - on request
TDX OK	Transducer OK. Outputs 1 & 2 held at 0 V or 2 mA when in fault

### Environmental

Operating Temperature Range	0 to 55 °C
Installation Category (IEC664)	II
Equipment Class (IEC536)	III
EMC	EN61326-1:2013

### How To Order



www.hansfordsensors.com  
sales@hansfordsensors.com



We reserve the right to alter the specification of this product without prior notice  
TS025.9