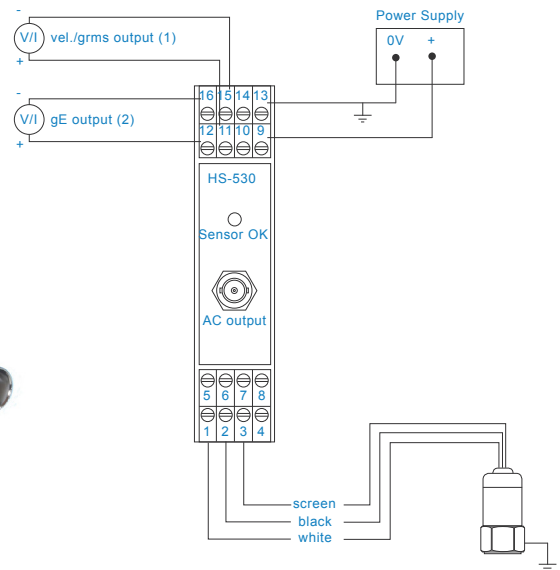


# HS-530 Vibration Module

## Four Outputs

### Key Features

- Enveloped 'g' Output
- RMS Velocity Output
- 0-10V Outputs for PLCs
- Buffered Acceleration Output (for Data Collection)
- TDX OK Function
- DIN Rail Mounted



### Technical Performance

Input	100 mV/g constant current accelerometer (other sensitivities available)
Frequency Range	10 Hz to 10 kHz (-3dB)
Output 1	Input Filters 500 Hz to 10 kHz (-3dB) 2-pole Butterworth
Output 2	Post-Envelope Filter 10 Hz to 1 kHz (-3dB) 2-pole Butterworth
Velocity Filters	10 Hz to 1 kHz (-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)

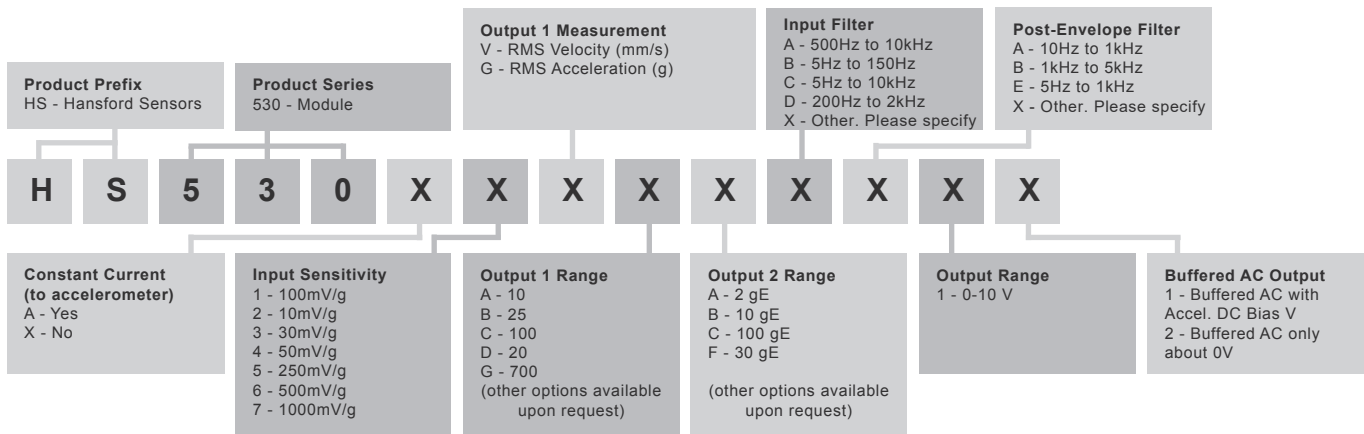
### Electrical

Power Input	+24 V DC at 50 mA (HS-570 Power Supply Module)
Output 1	0-10 VDC = 0-20 mm/s rms Velocity (other ranges available)
Output 2	0-10 VDC = 0-10 gE (other ranges available)
Output 3 (BNC)	Buffered acceleration output with DC bias voltage (nom. 12 VDC) AC only about 0 V on request
Output 4	Buffered gE AC output with 9 VDC Ref. Voltage
TDX OK	Transducer OK. Outputs held at 0 V if in fault

### Environmental

Operating Temperature Range	0 to 60 °C
Installation Category (IEC664)	II
Equipment Class (IEC536)	III
EMC	EN61326-1:2013

### How To Order



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We reserve the right to alter the specification of this product without prior notice  
TS024.7