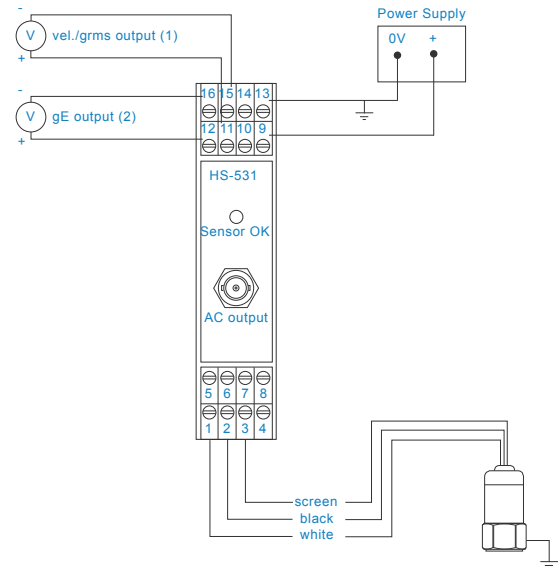


HS-531 Vibration Module

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	500 mV/g constant current accelerometer
Frequency Range	18cpm (0.3Hz) to 120kcpm (2kHz)
gE Filters	Input Filters 12kcpm (200Hz) to 120kcpm (2kHz) -3dB
	2-pole Butterworth
	Post-Envelope Filter 240cpm (4Hz) to 6kcpm (100 Hz) -3dB
	2-pole Butterworth
Velocity Filters	18cpm (0.3Hz) to 180cpm (3Hz) -3dB 2-pole Butterworth

Mechanical

Case Material	Plastic
Mounting	DIN Rail TS35 (Top Hat)
Dimensions	5.3 x 3.9 x 0.9 in (HxDxW) including BNC
Connections	Screw Clamp
Conductor Size	0.02 to 0.2 in
Weight	4.9 oz. (nom)

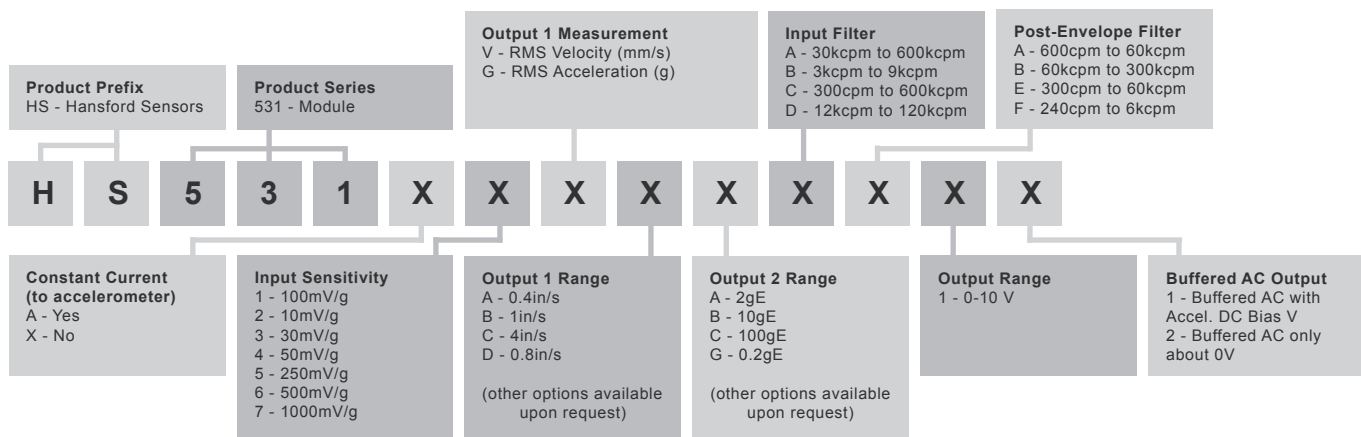
Electrical

Power Input	+24 VDC at 25 mA (from HS-570 Power Supply Module)
Output 1	0-10 VDC = 0-6000 mm/s rms Velocity
Output 2	0-10 VDC = 0-0.2 gE (other ranges available)
Output 3 (via 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	32 to 131°F
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
TS195U.1

