

HS-535 Series

Triple Output Vibration Module



Features

- RMS Velocity Output
- Peak 'g' Output
- 0-10 V and 4-20 mA Outputs for PLCs
- Buffered Acceleration Output (For Data Collection)
- DIN Rail Mounted
- TDX OK Function

Technical Performance

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

Electrical

Power Input	+24 V DC at 50 mA (HS-570 Power Supply Module)
Output 1	0-10 VDC or 4-20 mA = 0-10 or 0-25 or 0-50 or 0-100 g pk-pk. Set by internal links
Output 2	0-10 VDC or 4-20 mA = 0-10 or 0-20 or 0-50 or 0-100 mm/s rms velocity. Set by internal link.
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
Emission	EN6100-6-4:2001
Immunity	EN6100-6-2:1999
Installation Category (IEC664)	II
Equipment Class (IEC536)	III

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)

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How to order

