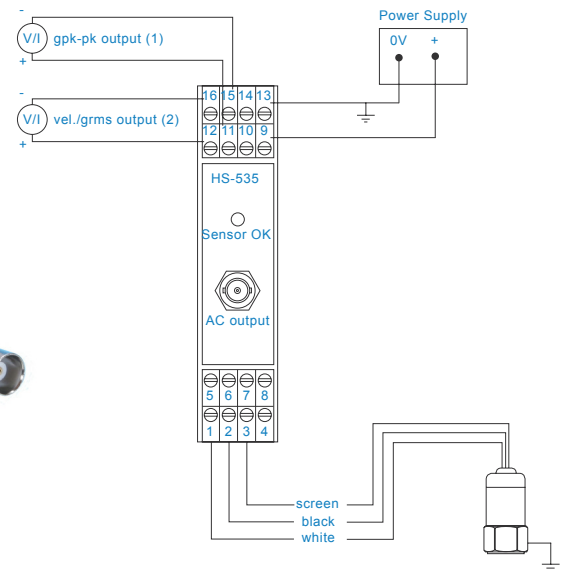


HS-535D Vibration Module

Three Outputs

Key Features

- RMS Velocity Output
- Displacement Output
- 0-10V and 4-20mA Outputs for PLCs
- Buffered Acceleration Output (for data collection)
- Din Rail Mounted
- TDX OK Function



Technical Performance

| | |
|------------------|---|
| Input | 100 mV/g constant current accelerometer (other sensitivities available) |
| Frequency Range | 2 Hz to 10 kHz (-3dB) |
| Displacement | 1.5 kHz or 3.5 kHz or 5 kHz (-3dB) |
| Velocity Filters | 2-pole Butterworth. Set by internal links |
| | 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) |

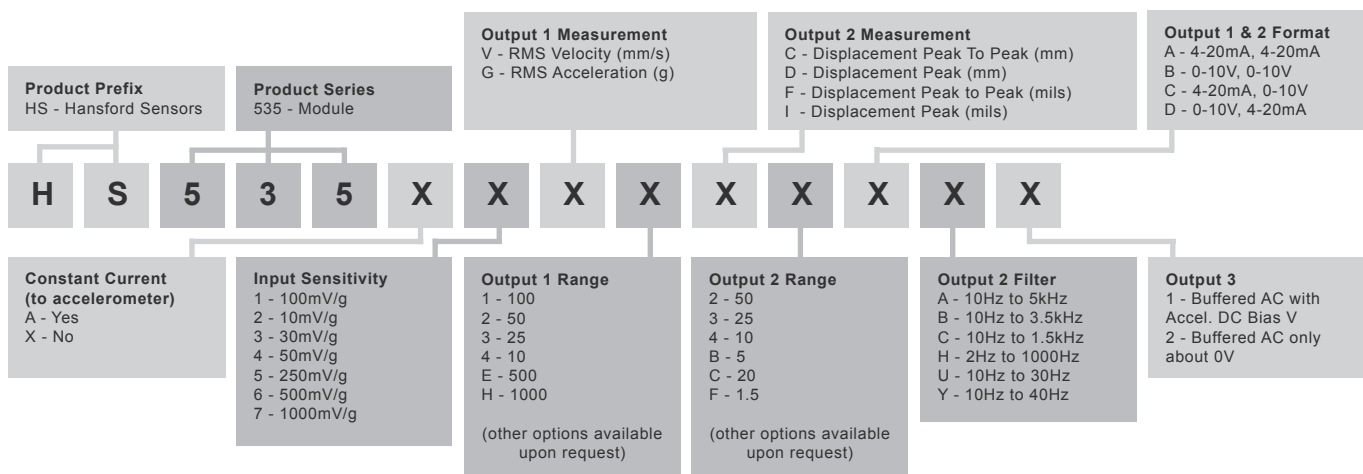
Electrical

| | |
|----------------|---|
| Power Input | +24 V DC at 50 mA (HS-570 Power Supply Module) |
| Output 1 | 0-10 VDC or 4-20 mA = 0-10 or 0-20 or 0-50 or 0-100 mm/s rms velocity. Set by internal link. |
| Output 2 | 0-10 VDC or 4-20 mA = 0-5, 0-10, 0-25 or 0-50 mm pk-pk displacement. Set by internal links (other ranges available, please specify) |
| 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



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