HS-530 Series

Quad Output Vibration Module



Features

- Enveloped 'g' Output
- RMS Velocity Output
- 0-10 V 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)

gE Filters Input Filters 500 Hz to 10 kHz (-3dB)

2-pole Butterworth

Post-Envelope Filter 10 Hz to 1 kHz (-3dB)

Velocity Filters 2-pole Butterworth

Electrical 10 Hz to 1 kHz (-3dB) 2-pole Butterworth

Power Input +24 VDC at 25 mA (from HS-570 Power

Supply Module)

Output 1 0-10 VDC = 0-20 mm/s rms Velocity

Output 2 (other ranges available)

Output 3 (via BNC) 0-10 VDC = 0-10 gE (other ranges available)

Buffered acceleration output with DC bias voltage

(nom. 12 VDC)

AC only about 0 V on request

Buffered gE AC output with 9 VDC Ref. Voltage

Transducer OK. Outputs held at 0 V if in fault

Operating Temperature Range 0 to 55 °C

Emmision EN6100-6-4:2001 Immunity EN6100-6-2:1999

Installation Category (IEC664) II
Equipment Class (IEC536) III

Mechanical

Environmental

Output 4

TDX OK

Case Material Plastic

Mounting DIN Rail TS35 (Top Hat)

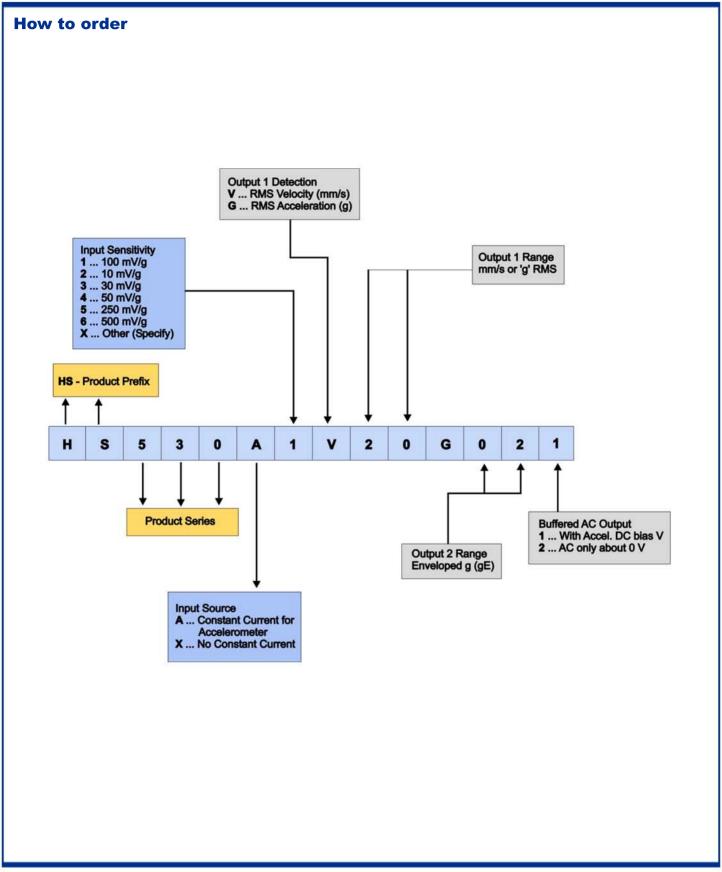
Dimensions 134 x 99 x 22.5 mm (HxDxW) including BNC

Connections Screw Clamp
Conductor Size 0.5 to 4.0 mm
Weight 140 gms (nom)



Tel: +44(0) 845 680 1957 Fax: +44(0) 845 680 1958 Email: sales@hansfordsensors.com Web: www.hansfordsensors.com

HS-530 Quad Output Vibration Module



TS024 Iss3

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

Ref: HS530-0709



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