

HS-556 Series

4-20 mA Output Module



Features

- Industrial Accelerometer input
- 4-20 mA Velocity or 'g' output
- Low Pass Filter
- DIN Rail Mounting
- Buffered Accelerometer output (for Data Collection) via BNC

Technical Performance

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|--------------------------------------|---|
| Input | 100 mV/g constant current accelerometer |
| Acceleration Range or Velocity Range | Up to 0-50 'g' - to be specified Up to 200 mm/s - to be specified |
| Frequency Range | 2 Hz to 10 kHz (-3 dB) - ISO 10816 |
| Filters | Velocity version: 10 Hz to 1 kHz (-3dB) 2-pole Butterworth 'g' version: 10 Hz to 5 kHz (-3dB) 2-pole Butterworth |

Electrical

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|-------------|--|
| Power Input | 24 V DC @ 50 mA (from HS-570 Power Supply Module) |
| Output 1 | Velocity version: 4-20 mA = 0-25 mm/s rms 'g' version: 4-20 mA = 0-5 g rms Max. load resistance = 500 Ohms |
| Output 2 | Buffered accel. Output with DC bias voltage (nom 12 VDC) AC only about 0 V on request |

Environmental

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|--------------------------------|-----------------|
| 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 | 120 x 75 x 23 mm (HxDxW) including BNC |
| Connections | Screw Clamp |
| Conductor Size | 0.5 to 4.0 mm |
| Weight | 80 gms (nom) |
| Options | Various Filters |

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How to order

