HS-520 Series

100 mV/g Input Module

Features

- Piezoelectric Accelerometer Input
- 4-20 mA, Velocity or Acceleration output
- Low Pass Filter
- DIN Rail Mounting
- Buffered Accelerometer Output (for Data Collection)

Technical Performance

Input	100 mV/g constant current accelerometer
Acceleration Range	0-50 g
Velocity Range	0-25 mm/s (other ranges on request)
Frequency Range	2 Hz to 1 kHz (-3 dB) - ISO10816

Electrical

Power Requirements	24 V DC @ 30 mA (HS-570 Power Supply Module)
Outputs	4-20 mA proportional to acceleration or velocity
	BNC AC 'g' Output (100 mV/g)
Transducer 'OK'	LED indicator (Output 4 mA if in fault)

Environmental

Operating Temperature Range	0 to 55 ºC
Emmision	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	114.5 x 99 x 22.5 mm (HxDxW)
Connections	Screw Clamp
Conductor Size	0.5 to 4.0 mm
Weight	140 gms (nom)
Options	Various Filters

PRODUCT DATA

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