

MODULAR VIBRATION MONITORING SYSTEMS

Signal Processing Modules

These modules are used to provide continuous monitoring of vibration signals using accelerometers. The Standard versions (HS556 & HS557) provide all the basic functions required by most users in a cost-effective format. The Premium modules (HS530 & HS535) add additional outputs and configuration options for the advanced user. The Specialty module (HS540) can be paired with any module to add Temperature monitoring to a system when used with a temperature output sensor.

Part No.	Description
HS530	Premium module provides RMS Velocity, Envelope Acceleration, and Raw (AC) Signal outputs. RMS Velocity and Env. Acceleration as 0-10v, Raw (AC) Signal at BNC connector. Option for RMS Acceleration in place of RMS Velocity.
HS535	Premium module provides RMS Velocity, Acceleration (pk or pk-pk), and Raw (AC) Signal outputs. RMS Velocity and Acceleration as 0-10v OR 4-20mA, Raw (AC) Signal at BNC connector. Option for RMS Acceleration in place of RMS Velocity.
HS540	Module converts voltage to mA or mA to voltage. Pairs with HS530 or HS535 to add Temperature monitoring (using HS1X0T series sensor).
HS556	Standard module provides RMS Velocity OR RMS Acceleration output as 4-20mA. Raw AC Signal output at BNC connector.
HS557	Standard module provides RMS Velocity OR RMS Acceleration output as 4-20mA along with Temperature as 4-20mA. Raw AC Signal output at BNC connector and via terminals.



HS530 / 535 Module



HS540 Module



HS556 / 557 Module