

ECO-VS VIBRATION SENSOR

Datasheet

OVERVIEW

Model ECO-VS is the ideal solution for sensing vibration on most plant equipment. This precision case mounted, indicating velocity vibration sensor and signal conditioner in a single package is built to provide years of reliable service. A simple two-wire loop signal proportional to velocity is generated for transfer to a programmable logic controller (PLC), distributed control system (DCS) or other 4-20 mA input devices. Simply mount the transmitter on the machine case, connect the 2-wire loop and read and/or record the vibration.

FEATURES

- Measuring range: 0-10 mm/s, 25mm/s, 50 mm/s, 100 mm/s
- Material: AISI316L (DIN 1.4404)
- Analog current output [mA]: 4...20 mA, Loop-powered
- Ambient temperature [°C]: -55°C...90°C
- Frequency Range acceleration [Hz]: 10 Hz to 1000 Hz (± 10%)
- Electrical connection: M12 connector, 4 Pin
- Sealing: Hermetic laser welded
- Weight: 70 gr (2.5 Oz), IP67 with M12 Epoxy seal
- Size: Hex 22mm, Height 50mm, Mounting Stud M8

ORDERING CODE

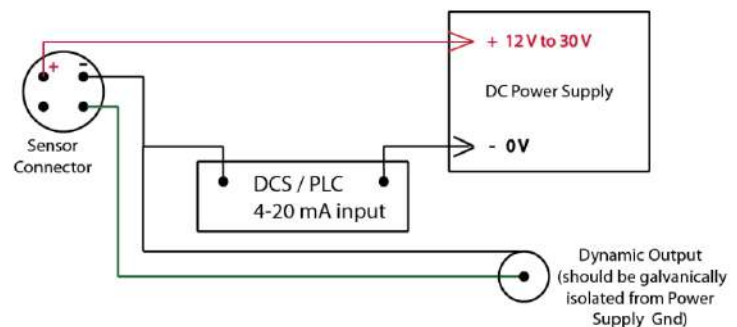
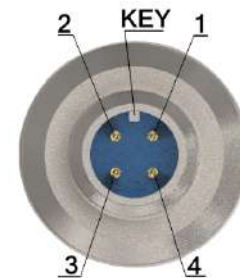
- ECO-VS-10MM-10Hz: range 0-10 mm/s RMS
- ECO-VS-25MM-10Hz: range 0-25 mm/s RMS
- ECO-VS-50MM-10Hz: range 0-50 mm/s RMS
- ECO-VS-100MM-10Hz: range 0-100 mm/s RMS
- *Other models are available upon request.*

APPLICATIONS

- Blowers
- Centrifuges
- Compressors
- Engines
- Fans
- Generators
- Motors
- Pumps
- Turbines
- Turbochargers



WIRING & CONNECTIONS



Note: Ecosense is continuously improving our products. Please refer to our website to download the latest version of this datasheet.

