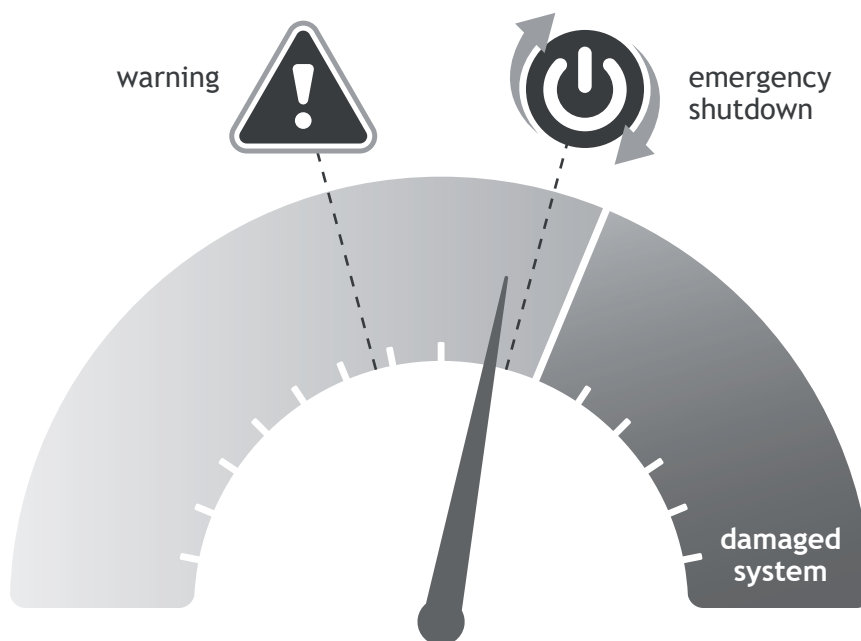
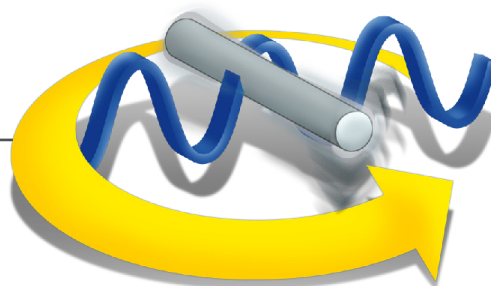


V-Sens

Do you protect your rotating systems against damage?
V-Sens detects faults and, if desired, automatically shuts down your systems before they get damaged.



Innovative technology in a minimum of space

This extremely small and robust sensor has been developed for direct connection to a PLC. With its 4 to 20 mA output it promptly shows the error status of engines, pumps, sifters, cyclones, mills, or ovens. Additionally, this sensor can protect many different

aggregates in combination with threshold value switches by shutting the system down. Wherever exceptional oscillations indicate critical operating conditions, V-Sens can be used as certain indicator.

Advantages:

- reduced maintenance costs
- improved runtime
- less failures
- easy to use
- cost saving



wind power

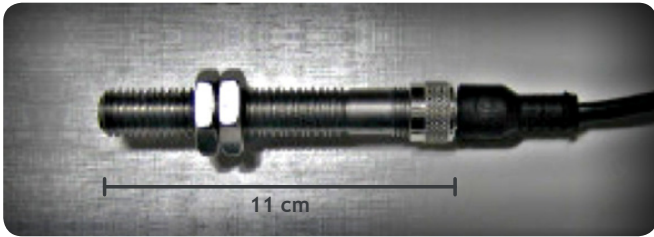


engines



ventilation & turbine systems

The sensor

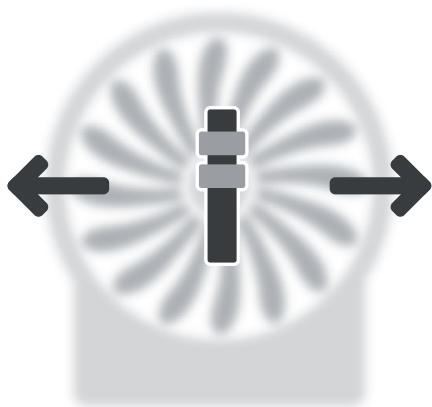


Following the ISO 2372, VDI 2056, BS4675 (part 1) standards, the sensor system delivers a signal which is proportional to the vibration velocity. Coming with a 4–20 mA output interface, the sensor can be connected to any monitoring system (control system, PLC, limit switch). Thanks to its robust housing and the resulting high protection class (IP 67) the sensor can be used virtually anywhere.

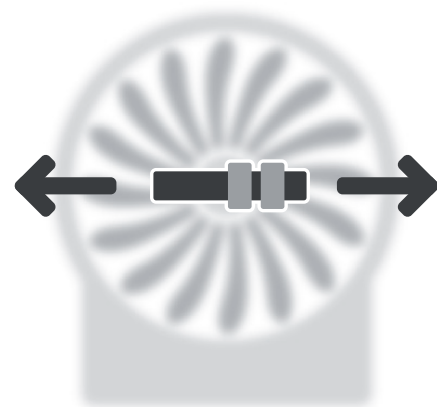
Technical details:

- measurement of very low frequencies (10–1 000 Hz, lower on request)
- customer-specific frequency adjustment on request
- shows peaks, if desired (envelope curve analysis)
- 4–20 mA output
- shock resistant to 10 000 g
- stainless steel M12 thread
- high IP 67 protection class

The installation



V-Sens impresses by its compact design. All the electronics are housed in a M12 thread ensuring fast and easy assembly and replacement. The sensor is offered in two different designs—one for measuring vibrations



lengthwise the mounting direction (V-Sens 10 L) and one for measuring vibrations crosswise the mounting direction (V-Sens 10 Q)—covering all application areas.

