



HYDAC INTERNATIONAL

Electronic Area / 電子領域 VibrationSensor

VS 3000

HYDAC Elec-
tronic



VS 3000震動傳感器

DESCRIPTION

The VibrationSensor VS 3000 is a sensor for detecting vibration acceleration in plants and machines. Measurement signals are transferred to a condition monitoring system, such as the HYDAC MachineConditionMonitoring System MCMS 2000, for example.

The compact and robust stainless steel housing makes the VS 3000 suitable for use in many industries. In addition to standard and premium variants and various sizes and electrical connections, the VS 3000 series is optimally enhanced by a specifically tailored line of accessories for mechanical plant integration.

APPLICATIONS

- Measuring the vibration acceleration in plants and machines
- Measuring sensor for detecting damage, imbalances and alignment errors in machines in combination with HYDAC Fluid Condition Monitoring or vibration measurement system
- Rolling and slide bearing applications such as gear units, generators, electric motors, compressors, pumps, fans, agitators, centrifuges, rollers, spindles, machine tools, climate systems and dryers in production and processes plants
- Tool for implementing modern maintenance approaches in the industry

YOUR ADVANTAGES

- Wide industry and application focus
- Compact design
- Direct connection to HYDAC Fluid Condition Monitoring Systems using M12x1 plug-in connections
- Simple connection to commercial vibration measurement systems thanks to IEPE technology (comparable to ICP®)
- Also suitable for installation in fluids (immersed) thanks to a higher protection class (IP68)
- Also available as a premium variant with lower