

DOL 3-AXIS SENSOR**PART NO : FF03**Main Features

- Capacitive MEMS (digital) accelerometer
- No hard wires – support wireless connectivity and have inside battery.
- Easy installation: adhesive mounting or magnet mounting
- Optimized for low energy, long battery life
- Configuration from sensor center.
- Adjustable sample rate and filtering in software

Vibrations are the basis for assessing machine or cable conditions. Condition monitoring essentially comprises the measurement and recording of overall vibration values and operating parameters. It provides information and allows the diagnosis of the general machine condition or very specific 'disorders' of the machine.

Technical Specifications**Operation**

- Sensor Type : 3-axial MEMS accelerometer
- Measuring range : Maximum +/-16G
- Resolution : 0.001 g
- Sampling rate per channel : 1.6 kHz

Interface

- RF : 920 – 925MHz (LOS 100 m)

Power

- Built-in battery : Lithium-ion 10,000 mAH
- Battery Life : 1 year, data uploading rate every 5 minutes (typical)

Operating Temperature

- Temperature : -15 °C ~ 75 °C
- Humidity : 10% to 90%

Dimensions

- 52 mm x 36 mm x 20 mm (main body)