



# 3D ACC

## SMART INTELLIGENT SENSOR

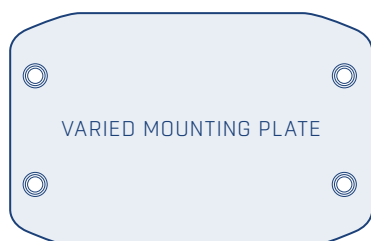
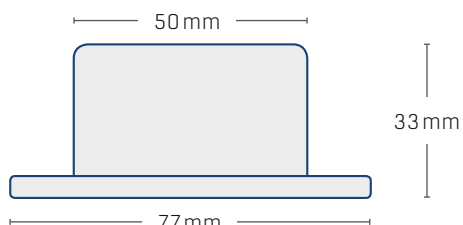
### ▷ "3D ACC" SENSOR FEATURES

- 3-axis acceleration sensor – 16-bit resolution
- 360° 3-axis inclination sensor with 0.000001° resolution
- extended temperature range -20°C to + 60 °C
- Low noise – ca. 0.87mg RMS typ. @ 100Hz ODR
- Down to 0.02mg resolution
- Capable of < 0.1Hz frequency response
- Up to 17.5bits resolution in high-resolution mode
- 10.000g (typ) shock survival
- Wide supply voltage range: 3.8V–15.0V
- +/- 2g to +/- 16g nominal full-scale range
- RS485 interface Binary or ASCII protocol
- Low-profile PCB can be integrated into custom product
- Customer-specific firmware available
- Standard M12 sensor connector with up to 1200m of cable
- Free & open-source datalogging software available
- IP65 flange aluminium enclosure

follows VDI 3834 low-frequency monitoring Wind Turbines

### ▷ "3D ACC" VARIED MOUNTING PLATE

- magnetic plate
- adhesive plate
- welding plate



"3D ACC" PROSPECTIVE NOISE FILTER ~ 0.87 mg RMS typ. @100Hz ODR

