

## SMART PUMP **SENSOR**

Optimized pump monitoring



## ➤ Smart pump sensor

The Leistriz smart pump sensor is a cost-effective and easy solution for basic pump-monitoring. Not only does this device measure pump vibration (3 axis), it also provides basic frequency analysis, temperature and pump run-time. Thanks to this app - which pump operators need to simply download on their smartphones - all condition data is accessible at a glance. In the case of any operational irregularities, the time to react can now be drastically minimized.



### Maintenance

- Within a radius of 10m multiple pumps can be measured
- No need for time-consuming manual measurements
- Regular value recording facilitates the identification of trends
- Direct pump condition indication via LEDs (green – yellow – red)
- Adaptive frequency of measurements for individual set-up (shorter for commissioning and/or after abnormal pump behavior, longer during normal pump behavior)



### Mounting

- Flexible mounting options by means of screw, glue or magnetic adapter plate
- Leistriz smart pump sensor is usable for any installed pump (not only Leistriz)



### Data analysis

- Saves trends of measured data for up to 12 weeks to show timely changes
- Long-term archiving of unforeseen condition events (e.g. limit exceedances) for post-processing analysis
- Provides extended insight into the pump's condition by vibration frequency analysis



### Smart connect

- battery-powered smart pump sensor
- No need for expensive cabling and/or power devices
- Fast and modern wireless data transfer to smartphone or tablet

### FACT BOX: SMART PUMP SENSOR

- Dimensions: 65 x 54 x 22 mm
- Vibration: 3 axis, 10 - 1,000 Hz
- Temperature: -20 to +85°C
- Atex certified for zone 2 as standard
- App for Android, IOS

Risk minimization

Digitization

Basic condition monitoring

Predictive maintenance

Cost-efficient

Easy handling

More information:  
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