TE Connectivity (TE) is a global designer and manufacturer of sensors and sensor-based systems, providing support to wind engineers in the development, operation and monitoring of wind turbines. TE offers a broad range of sensing technologies to manufacturers, system integrators, wind farm operators, R&D labs and universities. They include vibration sensors for gear box monitoring, accelerometers for tower sway and blade monitoring. Our vibration sensors, speed sensors and temperature sensors provide a variety of real-time and precise inspection data with their superior performance and reliability. TE sensors are enabling engineers to perform efficient equipment monitoring and maintenance and maximize the use of wind turbines.

- TEMPERATURE
- VIBRATION
- LEVEL
- PRESSURE
- POSITION
- SPEED
## TEMPERATURE SENSORS

### Surface Sensors
The surface temperature sensors are used to monitor or measure temperature on a range of motor and generator applications and are commonly used in the end turns of the windings.

### Embedment Probe
The miniature embedment RTD probe is a micro temperature sensor designed to be embedded into areas where space is limited.

### Bolt-On Probe
The transformer probes utilize a Pt RTD element embedded into a ceramic tube and are used to monitor temperature in voltage transformer windings.

### Transformer Probe
The transformer probes utilize a Pt RTD element embedded into a ceramic tube and are used to monitor temperature in voltage transformer windings.

### Bearing Sensors
The 310 series tip sensitive bearing RTD probe sensor is a tubular temperature sensor in which the sensing element is encased in a copper alloy tip.

### Stator Sensors
The 300 series stator RTD sensor is a rectangular, flat, laminated sensor commonly called “Stator Sticks” because they are inserted between the coils in the stator of a motor.

## VIBRATION SENSORS

### 8911
The 8911 wireless accelerometer sensor is designed for vibration monitoring in applications such as predictive maintenance and condition monitoring.

### 8711-01/8711LF-01
The 8711-01 are internally shielded rugged IEPE accelerometers designed for industrial condition monitoring.

### 8811
The 8811-01 are internally shielded rugged IEPE accelerometers with custom lightning protection up to ±2.5kV designed for harsh industrial condition monitoring where accelerometers could be exposed to lightning.

## PRESSURE SENSORS

### M5200
The M5200 series compact industrial pressure transducer features a modular design and offers maximum flexibility for different configurations.

### DS100
The DS100 series differential pressure transducer features a 316L stainless steel wetted surface and sets the performance standard for differential pressure transducers used in demanding environments.

### M5600/US600
The M5600/US600 series wireless pressure transducers feature a high accuracy, 24-bit ADC digital output eliminating hard wiring and provide remote process control and monitoring.

### AST4000
The AST4000 series 4-20mA / voltage pressure transducer is an OEM pressure transmitter that includes a welded stainless steel housing and many electrical connections to make it suitable for many industrial applications.

## SPEED SENSORS

### DSL SERIES
The DSL hall effect single channel speed sensors are suitable, in conjunction with a pole wheel, for generating square wave signals proportional to rotary speeds.

### DSY Series
The DSY hall effect dual channel speed sensors are suitable, in conjunction with a pole wheel, for generating square wave signals proportional to rotary speeds.

### T500 Series
The T500 series tachometers measure and monitor frequency signals in the range 0.025Hz to 50kHz.

### T400 Series
The T400 series is the Jaquet family of single channel tachometers for converting absolute speed into analog voltage output signals.

### Pole Bands
The Pole band strapped to the shaft is a proven approach, where a contactless sensor is to be used to generate signals from a large shaft. It is also a cost-effective alternative to using very large pole wheels.

## LEVEL SENSORS

### Liquid Level Switches
The liquid level switches provide switch reliability in numerous standard and custom configurations for liquid level switch applications.

### DPL/DPN SERIES
The DPL/DPN series is modern SMD technology based, small board-level dual axis inclinometer applying conductive technology.

## D SERIES
The D-series of conductive inclinometers offers modern SMD technology in an environmentally protected and robust aluminum housing.

## POSITION SENSORS

### DPL/DPN SERIES
The DPL/DPN series is modern SMD technology based, small board-level dual axis inclinometer applying conductive technology.

### Pole Bands
The Pole band strapped to the shaft is a proven approach, where a contactless sensor is to be used to generate signals from a large shaft. It is also a cost-effective alternative to using very large pole wheels.

---

© 2020 TE Connectivity. All Rights Reserved. TE Connectivity, TE, and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies.