TE Connectivity (TE) is a global designer and manufacturer of sensors and sensor-based systems, providing support to wind engineers in both the development and operation of wind turbines. We offer 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, oil level sensors, tilt sensors for tower installation and accelerometers for tower sway and blade monitoring. Our miniature pressure sensors are used for blade monitoring and our LVDTs facilitate emergency prop feathering and shutdown. You can find our temperature sensors in hundreds of wind turbines throughout the world.

- LEVEL
- POSITION
- PRESSURE
- TEMPERATURE
- TILT
- VIBRATION

QUALITY STATEMENTS
- AS/EN 9100
- ATEX
- ATEX 949EC
- CE-MDD
- CMDR – Health Canada
- EN 13980
- ESA 266
- ESCC 266E
- ESCC 400C
- FDA
- ISO 13485
- ISO 14001
- ISO 9001
- MID
- MID 2004/22/EC annex D
- NASA Qualified
- NSF-61 Water Quality
- PART21G
- TS 16949
## 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 380 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

### 8011, 8012
The 8011-01 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.

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

### 8811-01
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.

### 201
The 201 is a MEMS-based DC accelerometer that provides high resolution and low power consumption and is typically used in tower sway applications.

### 4332M3
The 4332M3 is 4-20mA output MEMS triaxial accelerometer offering both static and dynamic response.

### ACH01
The ACH01 is a piezo film sensor with an extremely high bandwidth and ultra-low power consumption. The ACH01 is designed for adhesive mounting and is typically used for gearbox monitoring applications.

## POSITION SENSORS

### 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.

### DC-SE
The DC-SE series LVDTs provide either a 0-5VDC or 1-6VDC output signal over their full range of displacement.

## LEVEL SENSORS

### AST4510/4500
The AST4500 and AST4510 series are rated submersible transducers used for monitoring the liquid level of water, fuel and oils, in intrinsically safe areas with an approved barrier.

### EVS312-51N
The EVS312-51N liquid level switches feature reed switch reliability in a simple package. This switch is compatible with various liquids and a wide temperature range.

### M5200/U5200
The latest series features high accuracy and a quick turnaround for demanding commercial and heavy industrial applications including surge protection and reverse polarity protection.

## PRESSURE SENSORS

### AST20HA
The AST20HA series 0.1% accuracy pressure transducer is a digitally compensated precision pressure transducer/pressure transmitter that offers high performance over temperature.

### AST5400
The AST5400 series OEM differential pressure transducer can measure the differential pressure of liquids or gases with line pressures up to 5,000Psi (350 bar) and a turn-down ratio of 15 to 1.

### D5100
The latest series features high accuracy and a quick turnaround for demanding commercial and heavy industrial applications including surge protection and reverse polarity protection.

### M7100, U7100
These pressure transducers are suitable for measurement of liquid or gas pressure, even for difficult liquids and gases, such as contaminated water, steam and corrosive fluids.

### EPH
The EPH is a subminiature pressure sensor, specifically designed for dynamic and high-frequency measurements with resonant frequency up to 1.7 MHz.