TE Connectivity (TE) is a global technology leader, providing connectivity and sensor solutions essential in today's increasingly connected world. TE is one of the largest sensor companies in the world. Our sensors are vital to the next generation of data-driven technology.

Today's smart and green appliances are built using more efficient designs, meeting the latest regulations while saving energy, water and time. Customers rely on our sensor technologies to enable appliances to respond to human touch, sense vibration, adjust to loads and operate more efficiently. We work to develop standard and custom solutions that can monitor humidity, water levels, position and temperature. Our products contribute to new levels of convenience and productivity in a wide range of household appliances.

**APPLICATIONS**
- Clothes Dryer
- Cooktop
- Dishwasher
- Household Oven
- Microwave Oven
- Refrigerator
- Small Appliances
- Washing Machine
- Water Heater

**SENSOR SOLUTIONS FOR APPLIANCES**

- FLOW
- FORCE
- HUMIDITY
- LIQUID LEVEL
- PHOTO OPTIC
- PIEZO FILM
- POSITION
- PRESSURE
- TEMPERATURE
- VIBRATION
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**FLOW SENSORS**
- The FCS-01 flow switch can be mounted in any axis and is designed with 3/8" BSPT threads for easy installation.

**LIQUID LEVEL SENSORS**
- The EVS722 liquid level switches can be used in a variety of applications including sump control, waste water level and coolant level indication.
- The LS509-31 liquid level switch is manufactured from PPV material for applications up to 100°C, including boiling water. It is designed with a 1/2" NPT fitting for simple installation.
- The LS Series Horizontal Level Sensors feature a silicone sealing washer for easy installation.
- The VS Series Vertical Level Sensors offer reed switch technology with a simple silicon sealing grommet.

**PIEZO FILM SENSORS**
- The DT1/DT1 series of piezo film sensor elements are rectangular elements of piezo film with silver ink screen printed electrodes.
- The Pizio cable is another form of piezo polymer sensor. Designed as a coaxial cable, the piezo polymer is dielectric between the center core and the outer braid.
- The MiniSense 100 is a low-cost cantilever-type vibration sensor offering moderate sensitivity over a useful frequency band up to 200 Hz.

**PRESSURE SENSORS**
- The M5S25DSDO is a digital small outline pressure sensor with SPI and PC bus interface designed for high volume OEM users.
- The M3200 pressure transducer, with analog or digital output, is suitable for measurement of liquid or gas pressure, even for difficult media such as contaminated water, steam, and mildly corrosive fluids.

**FORCE SENSORS**
- The FX19 units are intended for OEM use in laboratories, hospitals or consumer product applications, establishing a breakthrough price performance value for compression load cells.
- The FX29 is a compact compression load cell that offers exceptional price-to-performance in a robust sensor package with a millivolt, analog or digital output signal.
- The FS19 is a load cell with ranges from 500g to 3,000g, uses proven MEMS sensor technology.

**HUMIDITY SENSORS**
- The HTS101LF relative humidity sensor is designed for high volume, cost sensitive applications.
- The HTU212D (HF) relative humidity sensor provides digital outputs for humidity and temperature in HP formats.
- The HTU31 humidity & temperature sensor is one of the smallest and most accurate humidity sensors on the market. Available in digital and analog versions, the HTU31 provides fast response time, precision measurement, low hysteresis and sustained performance, even in the harshest environments.
- The HTU3500 series of dedicated humidity and temperature transducer designed for OEM applications where reliable and accurate measurements are needed.

**PHOTO OPTIC SENSORS**
- The ELM-4000 photo optic emitter assembly are designed for medical applications where selection of peak wavelength is a key requirement. It provides leading accuracy in oxygen level detection.
- The EPM-4001 photo optic detector assembly uses a silicon planar diffused photodiode specially designed for medical applications. It features high efficiency and fast response.
- The KMT36H is a magnetic field sensor utilizing the anisotropic magneto resistance effect.
- The KMT32B/KMT37 are magnetic field sensors based on the anisotropic magneto resistance effect.

**PRESSURE SENSORS**
- The M4515/4526 series are small, ceramic based, PCI mounted differential pressure sensor with an analog output signal.
- The M5S100 pressure transducer provides stainless steel media compatibility in a low cost, small profile solution.

**VIBRATION SENSORS**
- The 3022/3028 are silicon MEMS accelerometers in a Wheatstone bridge configuration.
- The LDT family is a low-cost piezo film cantilever-type vibration sensor offering moderate sensitivity over a useful frequency band up to 200 Hz. Pins are designed for easy installation and are solderable.
- The PM series magnet is compatible with the PSI and PS2 series magnetic position sensors.
- The DPL/DPN-Series is a modern SMD technology based small board-level dual axis inclinometer applying conductive technology.

**POSITION SENSORS**
- The DPL and DPN series are low profile and low power, offering fast response and very low power consumption.
- The Platinum Thin Film Sensors are designed to provide precise, stable measurement in extreme temperature applications.

**TEMPERATURE SENSORS**
- The TSEV is a contactless temperature measuring system for OEM use based on the detection of infrared radiation.