

INTRODUCING TE'S NEW IOT WIRELESS PRESSURE SENSORS

- Suited for both short- and long range coverage, with effortless installations in constrained spaces with a compact design, weighing just 170 grams and with a volume of 6 cubic inches
- Minimized maintenance with configurable battery performance. Safe operations in high-risk zones, designed for areas where explosive gases or liquids may be present



TE Connectivity's (TE) 6xxxN series brings practical innovation to industrial monitoring. Utilizing both Bluetooth® Low Energy and LoRaWAN® technology, these compact sensors fit seamlessly into tight spaces and diverse environments. Their ability to handle a wide pressure range streamlines system integration, enabling the consolidation of multiple sensors and simplifying system integration. Designed for tailored monitoring, the 6xxxN series boasts a long-lasting battery, reducing maintenance frequency and downtime. Safety is paramount, especially when operating in hazardous or high-risk environments. The 6xxxN wireless pressure sensor stands out by adhering to some of the most stringent safety certifications in the industry, including ATEX C1D1, NEC Class I, Division 1, and ATEX Ex ia IIC. Upgrade to TE's 6xxxN series for a straightforward, secure, and efficient approach to modern industrial monitoring.

TARGET MARKETS

- Oil & Gas
- Remote Monitoring
- Industrial Manufacturing
- Intelligent Warehousing

APPLICATIONS

- Smart Assembly Lines
- Pipeline Monitoring
- Oil Well Monitoring
- Condition Monitoring
- Corrosive Fluids and Gas Measurement

KEY BENEFITS

- Supports Pressure Ranges from 2 to 350 bar (30 to 5000 PSI)
- Lightweight Compact Design, Weighs 170 grams with a Volume of 6 Cubic Inches
- Battery Capacity of 2100 mAh, Reducing Long-Term Operational Costs
- ATEX C1D1, ATEX C1D1 Zone 0, NEC Class I, Division 1, and ATEX Ex ia IIC, Groups A, B, C, and D T4, and ATEX Ex ia IIC T4 Ga Certifications
- Easy Configurations and Event Trigger Supported
- Compatible with TE SensorConnect App (iOS and Android)

PERFORMANCE SPECIFICATIONS

- Wireless Protocol: BLE 5.0 & LoRaWAN® Class A
- Supports Pressure Ranges from 2 to 350 Bar (30 to 5000 PSI)
- Operating Temperature: -30 °C to +75 °C
- Accuracy (0 to 35 bar) +/- 0.1%
- Accuracy (0 to 350 bar) +/- 0.25%
- Supply Voltage: 3.6 V
- Resolution: 16 bits
- Weatherproof (IP66/IP67)

LEARN MORE

- [65xxN Bluetooth BLE 5.3 Wireless Pressure Sensor Sensors Portfolio](#)
- [69xxN LoRaWAN Wireless Pressure Sensor Sensors Portfolio](#)
- [65xxN Bluetooth BLE 5.3 Datasheet](#)
- [69xxN LoRaWAN Wireless Pressure Sensor Datasheet](#)
- [Product Group Page for Wireless Pressure Transducers](#)
- [Landing Page for Quick Start Guide and User Manuals](#)
- [65xxN Bluetooth BLE 5.3 User Manual](#)
- [69xxN LoRaWAN Wireless Pressure Sensor User Manual](#)
- [Quick Start Guide](#)
- [TE SensorConnect App](#)
- [Infographic](#)
- [65xxN Product Sell Sheet](#)
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