



RFMicron Stretches Range with Wireless Temperature Sensor for Data Centers and Switchgear

RFMicron adds RFM3240 temperature sensor to monitor ceiling-mounted power distribution busbars in data centers and switchgear in electrical power distribution.



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/EINPresswire.com/ -- [RFMicron, Inc](#) expands rugged sensor options with a new long-range wireless temperature sensor for use in data center busbar and electric power switchgear applications. The [RFM3240](#) wireless temperature sensor employs battery-free and maintenance-free [Smart Passive Sensing™](#) technology. By eliminating batteries and the associated maintenance, this rugged sensor can be deployed in dangerous and high-voltage environments where wired sensors would otherwise create dangerous arcing risks.

Switchgear and busbars control and route massive amounts of electrical power. Equipment aging causes component connections to loosen over time, which creates dangerous arcing conditions that can vaporize components in highly dangerous explosions. Unusual temperature increases indicate pending component failures and alert maintenance teams before these catastrophic failures occur.

"Power distribution equipment carries the power that drives our modern world. Our newest long-range wireless temperature sensor monitors that equipment and alerts maintenance teams when aging and heavy use are on the verge of causing dangerous explosions," said Shahriar Rokhsaz, CEO, RFMicron. "The RFM3240 achieves a 19-meter read range, which is easily enough to monitor busbars mounted high up in the ceiling of data centers. While we're excited about this technical achievement from the newest variant of our Magnus®-S sensor ICs, we're equally excited about the chance to improve human safety and ensure that equipment keeps running."

The RFM3240 is one of RFMicron's rugged temperature sensors that harvests power from an RF reader using the Magnus-S sensor IC. The Magnus-S devices incorporate unique IDs that specifically pinpoint failing switchgear components, busbars and other industrial equipment when temperature spikes flag pending components failures.

For more details or to purchase sensors, please visit www.RFMicron.com/RFM3240-Long-range-temperature-sensor.

About RFMicron

Based in Austin, Texas, RFMicron produces end-to-end wireless sensing solutions that bring the Internet of Things (IoT) to industry and businesses in need of real-time business insights into productivity, performance, and environmental threats along their supply chain. Since its founding in 2006, RFMicron has led the expansion of sensing capabilities to meet the unique, large-scale demands of businesses whose success depends on knowing more about their operating conditions, including automotive manufacturing, healthcare, predictive maintenance, switchgear, cold-chain and

data centers. RfMicron's solutions include wireless Smart Passive Sensors™, SMART Edge™ systems, and other patented and patent-pending industrial IoT solutions. Learn more at www.RfMicron.com.

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