

## Smart Sensors For Industrial Applications Devices Circuits And Systems

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## "Smart" Sensors and Their Applications

4. Temperature Sensors. Probably the most versatile smart sensor, temperature sensors can be used in nearly every IoT environment. For example, these devices can monitor and measure the temperature of a machine in an industrial setting and alert an operator or emergency shut-off system if the machine overheats.

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The book outlines the industrial applications for smart sensors, covering direct interface circuits for sensors, capacitive sensors for displacement measurement in the sub-nanometer range, integrated inductive displacement sensors for harsh industrial environments, advanced silicon radiation detectors in the vacuum ultraviolet (VUV) and extreme ultraviolet (EUV) spectral range, among other topics.

## Smart Sensors and MEMS - 2nd Edition

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## Internet of things - Wikipedia

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