

A New Wind is Blowing: Experience our New Sensor Portfolio

**Make your application
smart – our sensors
will help you!**

**Absolute Pressure Sensor
Differential Pressure Sensor
3 Axis Acceleration Sensor**

Accelerometer



Temperature



Pressure



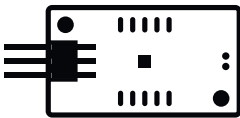
Position



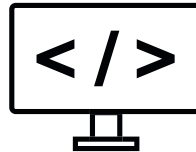
Service

- ✓ Long Time Availability
- ✓ Smart Packing Unit with 500 pcs or 1 kpcs
- ✓ Available Ex Stock
- ✓ Direct Design In Support

Accessories



Evaluation-Board



Sensor Software Development Kit



User Manuals



App-Notes



PCB Libraries

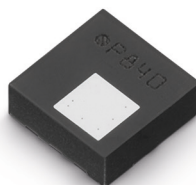


For special requests please contact: wireless-sales@we-online.com

Sensors

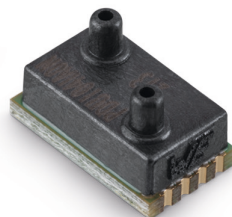
WSEN-PADS Absolute Pressure Sensor

- 24 bit pressure output resolution
- Selectable output data rate up to 200 Hz
- 128 level FIFO buffer
- Embedded temperature sensor
- I²C digital communication interface
- 2.0 x 2.0 x 0.8 mm



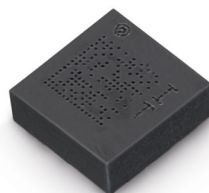
WSEN-PDUS Differential Pressure Sensor

- Very high accuracy (up to ± 0.25 % FSS tolerance)
- Different transfer functions from ± 0.1 kPa to 1 MPa
- 15 bit digital & 11 bit analog pressure output resolution
- Embedded temperature sensor
- Analog & I²C digital communication interface
- 13.3 x 8 x 7.6 mm



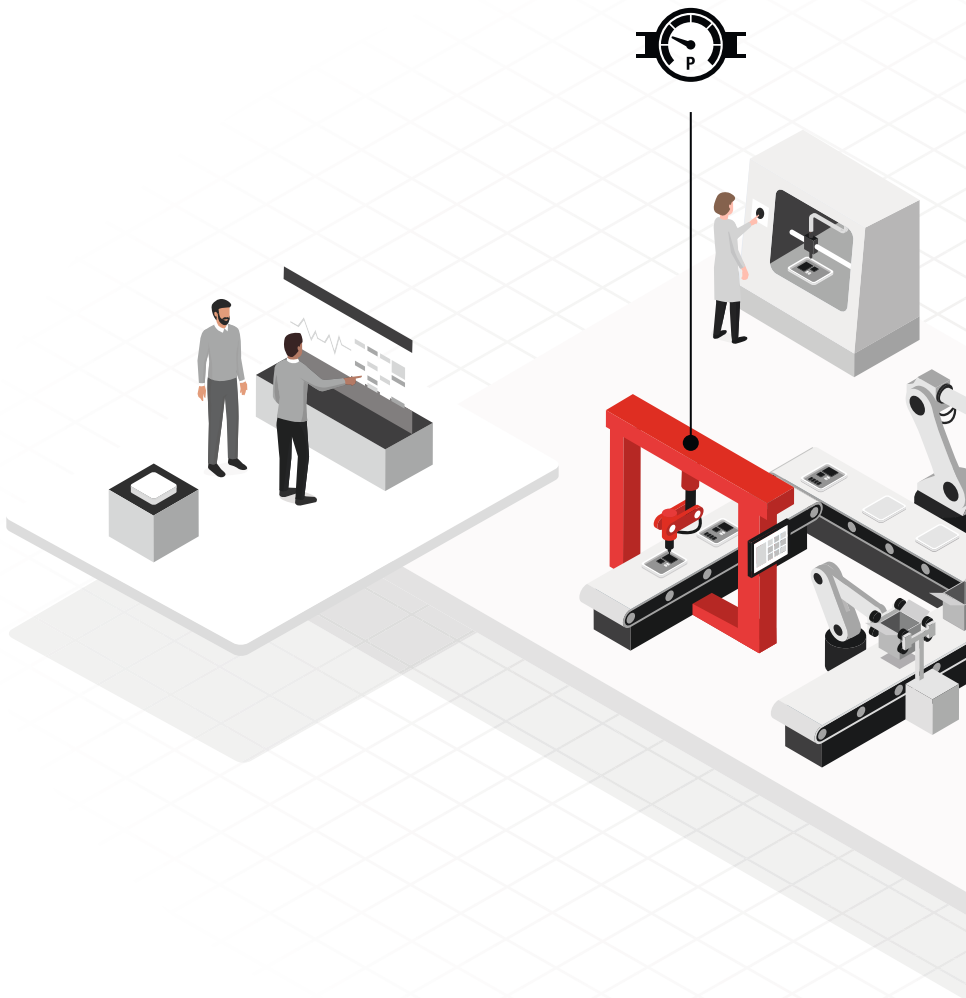
WSEN-ITDS 3 Axis Acceleration Sensor

- 14 bit output resolution
- Full scale ± 2 g, ± 4 g, ± 8 g, ± 16 g
- Bandwidth up to 1600 Hz
- 32 level FIFO buffer
- Embedded temperature sensor
- I²C digital communication interface
- 2.0 x 2.0 x 0.7 mm



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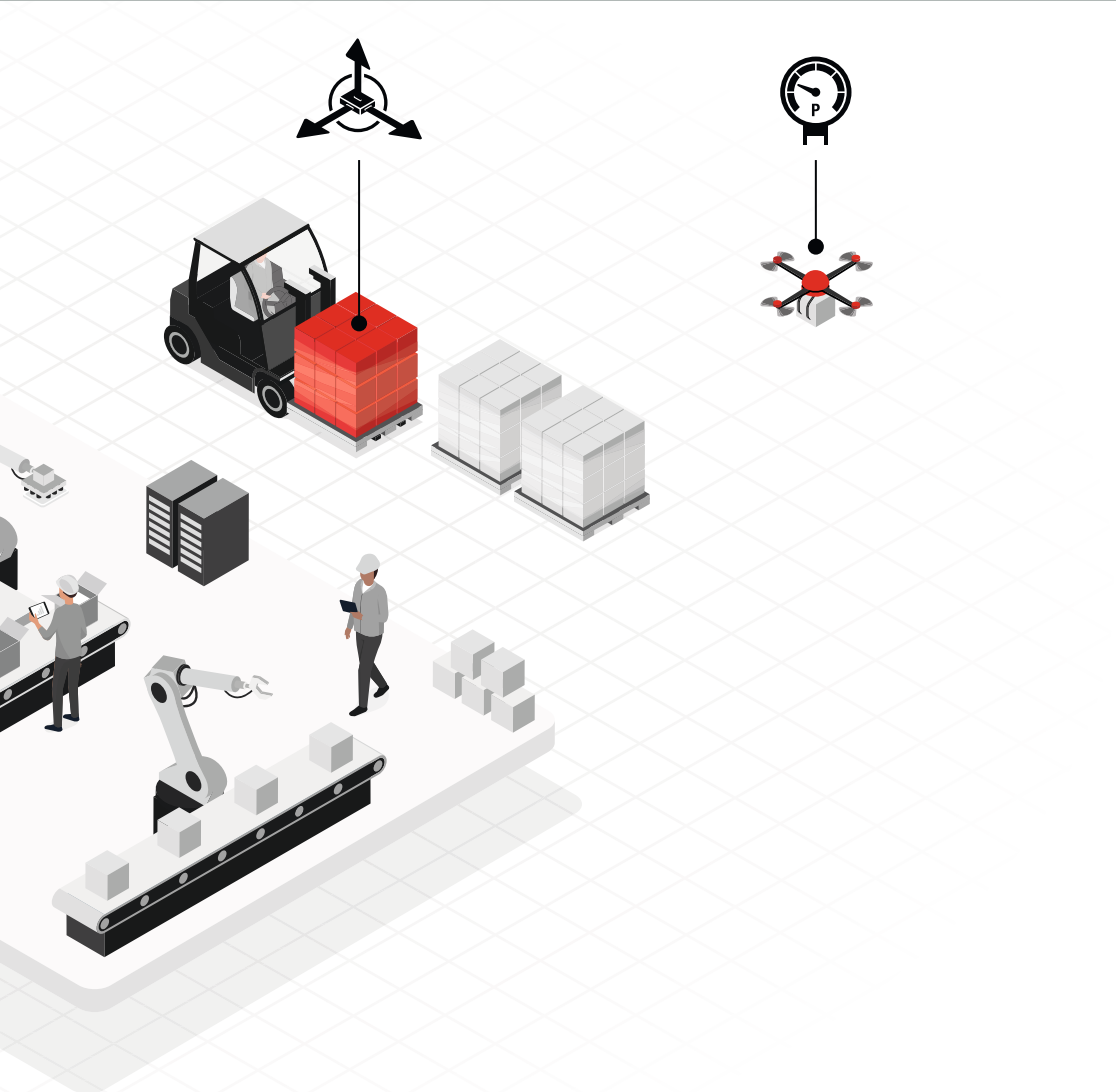
Fields of Application



Low Power
consumption



Compensated Digital
Output Signal



Software Development
Support



Predictive
maintenance

more than you expect

Wireless Connectivity & Sensors



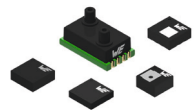
WPAN/WLAN



Metering



Proprietary



Sensors

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