

## **New piezo sensor module also with digital I<sup>2</sup>C signal**

**Klingenberg, January 2019**

**Integrative pressure measurement in the smallest of spaces:  
WIKA has expanded its portfolio for OEM applications with the  
very compact MPR-1 piezo sensor module with standardised  
output signal.**

With a diameter of 19 mm and a height starting from 17 mm (depending on the process connection), the sensor module can be integrated into a wide variety of products and systems. The custom-fit specification is supported by the selection of analogue and digital output signals. The version with digital I<sup>2</sup>C signal features very low power consumption and a fast response time (3 ms). It is therefore ideal for applications with battery operation. In addition, a temperature value can be output via the I<sup>2</sup>C signal.

The model MPR-1 is available, as standard, with gauge and absolute pressure measuring ranges (from 0 ... 0.4 bar to 0 ... 25 bar) as well as vacuum measuring ranges. It measures with an accuracy of  $\leq \pm 0.5\%$  of the span. On request, a higher accuracy and other pressure ranges can be realised.

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**WIKA company photograph:**

MPR-1 piezo sensor module with standardised output signal



press release

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