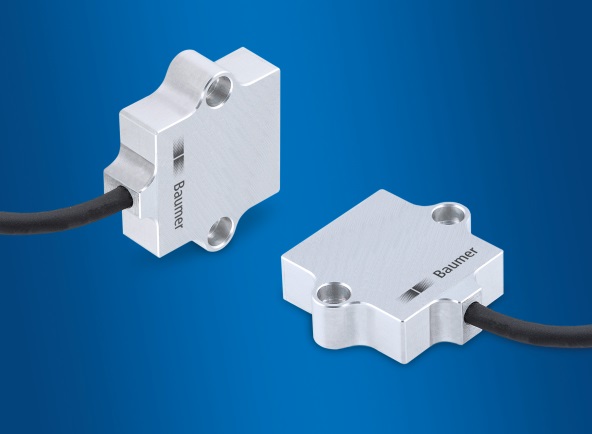
# Press Release

**Compact inclination sensors for harsh outdoor conditions**

(02/05/2018) Quite many sensors meet their limits when it comes to measuring angles in harsh outdoor conditions. Inclination sensors in robust industrial design by sensor expert Baumer ensure reliable measurements of tilt angles even in very demanding environments. The new GIM140R series also stands out by the compact 48 mm design and provides maximum flexibility in system planning and design.

The Baumer inclination sensors integrate MEMS sensor elements that are particularly qualified for the rough applications in industrial and mobile automation. The non-contact sensor operation without any without moving parts is completely wear-free for maximum reliability under harshest conditions.

The GIM140R series in the extremely flat design of merely 14 mm installation depth excels by an absolute measuring accuracy of up to ±0.4˚ and hence ensures maximum reliability and system uptime. IP 67 / IP 69K protection, C5-M corrosion resistance and the wide temperature range from -40 to +85 °C make the sensors virtually immune against temperature fluctuations and pollution of all kinds. The robust and resilient aluminium housing and the all-encapsulated electronics particularly qualify the new, robust and durable series for continuous outdoor operation at mobile installations.

Further information: www.baumer.com/GIM140R

Photo: The compact inclination sensors GIM140R in 48 mm design, IP 67 / IP 69K rating and C5-M corrosion resistance are supreme for space-saving installation and reliable operation in harsh conditions.

Number of characters (with spaces): approx. 1269

Text and picture download at: [**www.baumer.com/press**](http://www.baumer.com/press)

**Baumer Group**

The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image processing. Baumer combines innovative technologies and customer-oriented service into intelligent solutions for factory and process automation and offers an unrivalled wide technology and product portfolio. With around 2,600 employees and 38 subsidiaries in 19 countries, the family-owned group of companies is always close to the customer. Baumer provides clients in most diverse industries with vital benefits and measurable added value by worldwide consistent high quality standards and outstanding innovative potential. Learn more at [www.baumer.com](http://www.baumer.com) on the internet.

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