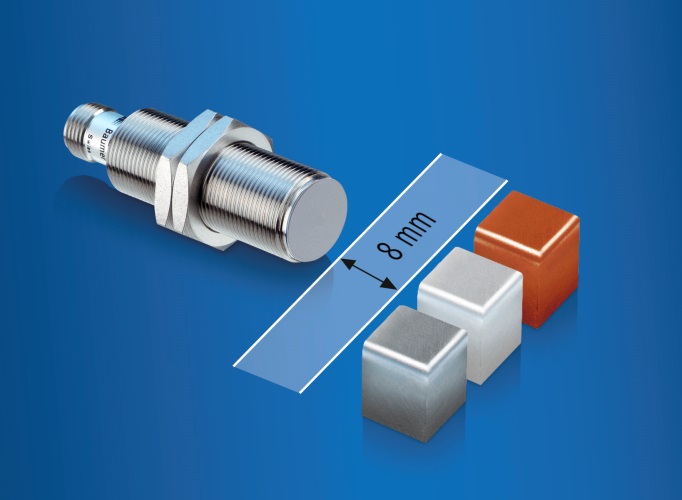
# Press Release

***AlphaProx* Factor 1 – The first inductive distance-measuring sensor with a large 8mm measuring range on all metals**

(21.06.2016) With the *AlphaProx* IR18.D08F, Baumer presents the first inductive distance measuring Factor 1 sensor in a robust M18 housing. The sensor permits a constant measuring range of 8mm, no matter what metal material the target object is made of. The advantage becomes particularly apparent with aluminum and non-ferrous metals, whose natural damping behavior normally reduces measuring ranges by up to 50%. Up to now, if target objects made of different metals were used in a machine or installation, the right inductive sensor had to be installed and adjusted for each metal. Thanks to the *AlphaProx* Factor 1 sensor, only one sensor is required. The shutdown periods that were necessary in the past for setup and readjustment can now be dispensed with. This means an enormous gain in efficiency for plant manufacturers and operators.



Insert press photo here

Thanks to its simple installation and startup, the *AlphaProx* Factor 1 offers another great advantage besides its constant measuring range. The innovative teach concept means that laborious mechanical adjustment is at last a thing of the past. Whether by cable, teach-in adapter or through the controller, the sensors are adjusted after installation more or less at the press of a button, and are ready for immediate use. In conjunction with its robust housing and its very small temperature drift, the linearized sensor is ideal for measuring distances in the fields of handling, mechanical engineering or lightweight construction.

*AlphaProx* by Baumer is a flexible platform for distance-measuring inductive sensors, with integrated evaluation electronics and a very good price-performance ratio for automation in industry. No matter whether very confined spaces, large distances, critical environments, tiny changes in position or highly accurate measurements, *AlphaProx* sensors are comfortable and easy to put into operation, and thus offer the perfect solution.

Photo: *AlphaProx* Factor 1 allows flexible measurements with the same measuring range on all metals

Number of characters (with spaces): approx. 2.017

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 2,300 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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