# Presse Release

**Baumer expands portfolio with HIPERFACE DSL®**

(16.11.2017) Baumer is the first company to implement HIPERFACE DSL®, expanding its unique industrial and HeavyDuty encoder portfolio with powerful motor feedback encoders featuring the world-renowned interface with one-cable technology. By opening up its previously proprietary interface, Sick is creating an open standard on the market and responding to customer requests for a broad portfolio of motor feedback systems and minimizing the number of interfaces to be supported in the servo controller.

“We are pleased to have found such a well-known company in Baumer, with whom we can further advance the marketing of HIPERFACE DSL. Manufacturers of servo drive technology thus benefit from an extended product portfolio, greater flexibility in selecting the right encoder and the security of using an open interface that has been tried and tested for many years", summarizes Rolf Wagner, Vice President Product Management, SICK STEGMANN GmbH.

HIPERFACE DSL® is a purely digital real-time interface for motor feedback applications. Single-cable technology reduces connection costs and cable variance. It is easy to implement and offers a high degree of investment and machine security. The elimination of the second motor feedback cable and the connector plug for the motor feedback encoder results in significant space savings on the motor side. This means enormously increased design freedom, especially for small servo motors.

The interface enables cable lengths up to 100 m, a transmission rate of 9.375 Mbaud and data transmission synchronous to the controller clock with cycle time up to 12.1 µs. Due to the extremely fast data transfer, HIPERFACE DSL® ensures an extremely high resolution and accuracy as well as smooth running and good concentricity. The motor feedback interface meets the highest safety standards with SIL3 and IEC61508.

HIPERFACE DSL® conforms to the RS485 industry standard and offers all the advantages of a digital real-time protocol as an open interface. The safe and high-performance communication for servo drive technology also forms an important basis for the condition-oriented maintenance of machines in the environment of Industry 4.0 and IIoT.

For more information please refer to: www.baumer.com/HIPERFACE-DSL

Photo: Baumer is the first company to implement HIPERFACE DSL® after Sick has opened the previously proprietary interface. From right to left: Dr. Michael Schneider (Baumer), Prof. Johann Pohany (Baumer), Dr. Bernd Cordes (SICK Stegmann GmbH) and Rolf Wagner (SICK Stegmann GmbH).

Number of characters (with spaces): approx. 2170

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 2,400 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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