

## PRESS RELEASE

### **The success continues**

**Baumer is implementing HIPERFACE DSL®**

**Waldkirch, November 2017 – With the opening up of the hitherto proprietary HIPERFACE DSL® interface, SICK has paved the way for all suppliers of motor feedback systems to make this internationally used standard available to their customers. Now Baumer is already implementing HIPERFACE DSL®. Other sensor producers will also start using the single-cable technology – discussions are already underway.**

“HIPERFACE DSL® is the standard in single-cable technology – a proven interface that has long become established in the field worldwide. It offers technical and economic advantages to all participating market partners. In addition, the digital interface meets all the prerequisites for state-oriented machine maintenance within the Industry 4.0 environment,” confirms Dr. Michael Schneider, Manager of Product Management at Baumer Motion Control.

Users and licensees can now find information on the technology, and keep up with current developments, on the neutral website [www.hiperfacedsl.com/index\\_en.html](http://www.hiperfacedsl.com/index_en.html). There is also an overview of motor and drive manufacturers that already successfully operate HIPERFACE DSL®.

#### **HIPERFACE DSL®**

HIPERFACE DSL® complies with the RS485 standard and enables robust interference-free data transfer between the controller and motor in servo drive systems via two cores directly integrated in the motor cable (that can be up to 100 meters long). Externally, electrical drives with motor feedback systems and integrated HIPERFACE DSL® interfaces can be recognized because they only have one motor connector. Hybrid connectors are increasingly used, consolidating the servo and shaft encoder cables. Signals from other sensors are also transferred for integration in the digital motor feedback protocol. Special processes, and the use of pulse transformers, ensure that the encoder signal is decoupled from interference on the motor power cable.

HIPERFACE DSL® supports the electronic type label functionality for automatic controller parameterization. Motor characteristics, serial and article numbers, as well as other data are stored here and used for autonomous setting of the controller to the motor's parameters, and for service-related purposes.

Picture: SICK\_Baumer.jpg

The opening up of HIPERFACE DSL® has been a complete success and the interface is already being implemented by Baumer. From left to right: Rolf Wagner (SICK Stegmann GmbH), Dr. Bernd Cordes (SICK Stegmann GmbH), Prof. Johann Pohany (Baumer) and Dr. Michael Schneider (Baumer).

SICK is one of the world's leading producers of sensors and sensor solutions for industrial applications. The company, founded by Dr. Erwin Sick in 1946 and based in Waldkirch-im-Breisgau near Freiburg, is a technology and market leader with more than 50 subsidiaries and associated companies, as well as numerous sales offices, worldwide. The SICK Group achieved sales of almost EUR 1.4 bn. in the 2016 fiscal year with more than 8,000 employees worldwide.

Further information on SICK is available at <http://www.sick.com> or by phone at +49 (0)7681 202-4183.