

HIROSE and HARTING focus on a new standard

Tokyo / Espelkamp, 31 August 2016 --- HIROSE Electric Co., Ltd., based in Tokyo, and HARTING Electronics GmbH, Espelkamp Germany, have reached an agreement on the joint development, product standardization and marketing of a miniaturized connection technology system for 10Gbit Ethernet.

The RJ45 was indispensable when using Ethernet ten years ago. However, it was not ideally suitable for use in industrial environments and could only be deployed with certain modifications. In light of this situation, HARTING developed the world's first industry-compatible field attachable RJ45.

The miniaturization of components and interfaces in connection technology has become a key factor in global digitalization through the Internet of Things and Services.

“As a form of the Internet of Things, there is one thing that ‘Industry 4.0’ requires above all else: an Ethernet connection to each and every ‘Industry 4.0’ component,” explains Philip Harting, Chairman of the Board at the HARTING Technology Group. “The standardization and international norms for new high-performance components and infrastructure is an essential requirement for market success and provides planning security.”

On the other hand, HIROSE Electric has offered miniature connector solutions for small handheld devices including mobile phones, tablets and cameras and has contributed to the miniaturization and the high-speed communication of electronic devices. HIROSE has played a significant role in the high performance and miniaturization industry, not only with internal connectors, but also with interface connectors such as micro-USB (USB2.0, 3.0, and 3.1) which were originally developed by HIROSE. In addition, HIROSE will focus on the Industrial market and apply this extensive knowledge and expertise to provide high-end miniaturized connectivity solutions for ‘Industry 4.0’.

To meet the challenging market demand for global digitalization, both partners' have therefore agreed to utilize HARTING's and HIROSE's strength. The result is the development of a new miniaturized and robust Ethernet interface for high-speed data transmission rates to set a new standard for ‘Industry-4.0’ applications.

“Our customers benefit from the bundled expertise of two technology leaders, on one hand, and global presence and customer proximity on the other,” remarked HIROSE-President, Kazunori Ishii. The two companies plan to reveal further details on their cooperation in the autumn at electronica or SPS/IPC Drives.

About HIROSE:

HIROSE Electric, as one of the world's leaders in the connectivity industry, specializes in the challenging development and manufacture of electronic connectors in a wide range of industries, including industrial, automotive, information & communication, medical and consumer electronics particularly for the smartphone. With about 80 years of experience, our expertise is not only miniaturizing, but also high-speed, high-reliability, high-power and advanced manufactory technologies. HIROSE has 24 sales offices globally, 8 manufacturing facilities and 5 R&D centers in 13 different countries, with dedicated teams of over 4,000 professionals generating sales of JPY 120 billion in the 2014/15 fiscal year.

About HARTING:

HARTING Technology Group is one of the world's leading providers of industrial connection technology for the three lifelines of "Data", "Signal" and "Power" and has 13 production plants and branches in 43 countries. Moreover, the company also produces retail checkout systems, electromagnetic actuators for automotive and industrial series use, as well as hardware and software for customers and applications in automation technology, robotics and transportation engineering. In the 2014/15 business year, some 4200 employees generated sales of EUR 567 million.

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