

News Release

**From: Belden
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For Immediate Release – October 6, 2011

BLDPR213EN1011

Hirschmann™ markets new Embedded Ethernet components Module with the functional scope of a standalone switch

Hirschmann™ has added the new managed Embedded Ethernet switches EES 20 and EES 25 to its product range. These switches provide automation devices that possess Ethernet interfaces the complete functional scope of a standalone switch. The EES 20 and EES 25 each has six Fast Ethernet ports that can be configured for either 10/100 BASE TX or 100 BASE FX. They also offer extensive management and filter functions plus a variety of redundancy methods and port security. In addition, the EES 25 supports precision synchronization as per IEEE 1588v2 plus PRP (parallel redundancy protocol), which guarantees uninterrupted data communications. This function range can be extended by updating the software, which means that these two Embedded Ethernet switches offer maximum flexibility plus a guaranteed future. Manufacturers of automation equipment no longer need to concern themselves with switching technology and can instead focus on their own core strengths, thus minimizing development risks. An evaluation kit is also available to assist manufacturers at the design-in stage.

The Embedded Ethernet switches, which are designed for an operating temperature range from 40°C to +85°C, are powered via the attached automation equipment (3.3 VDC). The power consumption is 1A. These modules take up very little space, measuring only 88 mm x 60 mm x 12 mm (w x h x d). They are mounted directly on the mainboard of the automation equipment.

Management and diagnostics are carried out via one of the Ethernet interfaces. The integrated SNMP interface also enables the switches and hence the automation equipment to be

integrated into network management software such as Hirschmann™'s Industrial HiVision. Redundancy methods such as RSTP, MRP and – on the EES 25 – also PRP, guarantee a high level of network availability.

Along with the two new Embedded Ethernet switches from its product range Hirschmann™ is giving manufacturers of automation equipment the benefit of its comprehensive network expertise. “Until now there has never been a comparable module on the market”, says Product Manager Rolf-Dieter Sommer. “Our customers can now very easily provide their equipment with the very latest switch technology. Increased functionality plus time savings constitute a decisive competitive edge.”

About Belden

Belden®: Sending All the Right Signals™

Belden designs, manufactures and markets signal transmission solutions, including cables, connectors and I/O modules, wireless network systems as well as network devices and control, load sensing and load moment limitation systems designed for safety-critical applications ranging from industrial automation to data centers, broadcast studios and the aviation and aerospace industry. The company focuses on segments of the worldwide cable and automation markets that require both highly specialized and readily available products. With manufacturing facilities in North America, Europe and Asia, Belden has recorded a total revenue of USD 1.62 billion for the fiscal year 2010.

Together with its brands Hirschmann™ and Lumberg Automation™, Belden offers an extensive and highly specialized product portfolio covering the full range of data communications – from the information and control levels down to the field level. The company has more than 15 offices throughout Europe, the Middle East and Africa, with manufacturing facilities in Czech Republic, Germany, the Netherlands, UK, Denmark, Italy and Hungary.

For more information about Belden, please visit www.hirschmann.com or e-mail inet-sales@belden.com for product inquiries.

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Hirschmann™ has added the new managed Embedded Ethernet switches EES 20 and EES 25.
(Photo: Belden, PR213)

This press release and relevant photography can be downloaded from

www.PressReleaseFinder.com.

Alternatively for very high resolution pictures please contact Nancy van Heesewijk

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