

## Press Release

For Immediate Release – July 20, 2009

### **New Hirschmann™ IP67 Gigabit Ethernet Switches from Belden** ***Gigabit Uplinks from the Field to the Plant Control Level***

*Belden has expanded its Hirschmann™ product offering to include new IP67 rated switches in the company's OCTOPUS family of networking devices.*

The switches provide 8 twisted pair (100 Base-TX) as well as 2 fiber optic uplink (1000 Base-FX) ports as well as comprehensive management functions. The twisted pair ports are designed as 4-pin M12-D connectors. The fiber optic uplinks are available in Profinet or Ethernet/IP versions acc. to ISO/IEC 61076-3-106 Variant 1 or Variant 4, respectively.

Furthermore, the new IP67 switches support fast redundancy techniques and various security mechanisms. Functions that can be managed per SNMP v1, v2 and v3 or TELNET include redundancy mechanisms such as Rapid Spanning Tree and HIPER Ring, the latter for access control acc. to IEEE 802.1x, as well as filtering options per port, Flow Control with prioritization and Traffic Shaping.

The entire configuration can be saved on site by means of an auto-configuration adapter and an interface also meeting the requirements of IP67 protection class. In this way, the devices can easily be exchanged, if required. For reasons of redundancy, the switches can be powered by two independent 24VDC or 36VDC supply units.

The switches of the OCTOPUS family, which is complemented by an unmanaged 5-port device, are designed for an operating temperature range of -40°C to +70°C. Moreover, they also meet the high EMC requirements in trains and vehicles and bear up to the mechanical loads in these environments. Last but not least, the devices are in line with the European standard for railway equipment applications (EN 50155).



[New IP67 Gigabit Ethernet Switches from Hirschmann. (Foto Belden, BLD-HM PR107)]

## **About Belden**

Belden designs, manufactures and markets signal transmission solutions, including cables, connectors and I/O modules 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 2 billion for the fiscal year 2008.

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.belden-emea.com](http://www.belden-emea.com).

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