



1 N. Brentwood Blvd., 15th Floor
St. Louis, Missouri 63105
U.S.A.

Phone: +1 314 854 8000
Fax: +1 314 854 8003

www.Belden.com

News Release

Belden's New Fiber Optic Repeater Increases the Range and Availability of PROFIBUS Networks

OZD Profi 12M G22 Enables Faster, More Reliable PROFIBUS Communications

St. Louis, Missouri - November 22, 2016 - Belden Inc., a global leader in signal transmission solutions for mission-critical applications, has released a new version of its PROFIBUS fiber optic repeater. The OZD Profi 12M G22 allows PROFIBUS networks to communicate over longer distances through fast and reliable fiber optic signals, while also guaranteeing signal reliability through integrated redundancy technology.

“Control networks need real-time communications that are extremely fast and highly reliable. This combination can be achieved through devices, such as our OZD Profi 12M G22, that place a priority on data integrity and high speeds,” said Rolf-Dieter Sommer, product manager at Belden. “With data transfer rates up to 12 Mbps, our new repeater is among the fastest in the world. And, if a fault were to occur, its built-in ring redundancy will automatically switch over to another ring segment for maximum reliability.”

This new device builds on the proven family of Hirschmann PROFIBUS repeaters with higher signal conversion capacity. Specific enhanced capabilities of this repeater include:

- Extended operating distances for PROFIBUS communications thanks to two electrical and two optical ports
- Failsafe communications with built-in ring redundancy, without any measureable interruption (i.e., within 0 milliseconds)
- The highest data integrity, despite harsh environments, sheltered by a robust metal housing with protective coating on the internal components
- High-speed data transmissions, up to 12 Mbps – among the fastest in the industry
- Support of singlemode, multimode and plastic fiber

This PROFIBUS fiber optic repeater is ideal for real-time control networks that extend across long distances. It is useful in energy applications, such as oil and gas production or pipelines, and in the transportation industry, such as in highway traffic control systems. Other uses include water and wastewater systems and manufacturing systems that require large PROFIBUS communication networks that are reliable and safe.

As an early innovator in industrial Ethernet, Belden knows industrial IT and delivers the next generation of industrial networking solutions, including wired, wireless and embedded products. With its global brands – Hirschmann, GarrettCom and Tofino Security – Belden helps companies minimize downtime and take advantage of the real-time data access and control made possible by the [Industrial Internet of Things \(IIoT\)](#). Through a seamless, secure and scalable industrial Ethernet infrastructure, companies are equipped to revolutionize their operations and achieve improved efficiency, productivity and agility. Visit www.belden.com/products/industrialnetworking/index.cfm to learn more.

About Belden

Belden Inc., a global leader in high quality, end-to-end signal transmission solutions, delivers a comprehensive product portfolio designed to meet the mission-critical network infrastructure needs of industrial, enterprise and broadcast markets. With innovative solutions targeted at reliable and secure transmission of rapidly growing amounts of data, audio and video needed for today's applications, Belden is at the center of the global transformation to a connected world. Founded in 1902, the company is headquartered in St. Louis and has manufacturing capabilities in North and South America, Europe and Asia. For more information, visit us at www.belden.com; follow us on Twitter: [@BeldenInc](https://twitter.com/BeldenInc).

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For more information, contact:

Nancy van Heesewijk

EMG

Tel: +31 164 317 018

E-mail: nvanheesewijk@emg-pr.com

Berry Medendorp

Belden

Tel: +31 77 387 8555

E-mail: berry.medendorp@belden.com

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Belden's new fiber optic repeater increases the range and availability of PROFIBUS networks. (Photo: Belden, PR437)

This press release and relevant photography can be downloaded from www.PressReleaseFinder.com.

Alternatively for very high resolution pictures please contact Nancy van Heesewijk (nvanheesewijk@emg-pr.com, +31 164 317 018).