TURCK's M12 X-Code Connector Improves Data Transfer with Up to 10 Gigabits per Second Ethernet
High-speed transfers reduce data bottlenecks and increase efficiency for high-end applications

PLYMOUTH, Minn. (Nov. 17, 2014) – With the ability to transfer up to 10 gigabits per second (Gbps) of data, TURCK's new M12 X-Code connector increases throughput and efficiency in high-end systems and applications. The M12 X-Code connector offers superior signal strength for high-speed Ethernet data transfers, compared to traditional M12 connectors that support up to 10/100 megabits per second (Mbps) Ethernet. Its ability to handle high bandwidth files and minimize transfer time reduces data bottlenecks and improves performance.

To achieve 10 Gbps Ethernet transmission speed, the M12 X-Code connector features advanced shielding design paired with Category 7 copper cable. Each of the four data pairs are shielded from each other within the connector, providing increased isolation against cross talk, or unwanted signal coupling from one balanced twisted pair to another.

"Newer applications for video, camera and vision systems, as well as high-speed data acquisition, demand a network cable that can handle more than 10/100 Mbps data transfer," said Laura Schweitz, product manager at TURCK. "Gigabit Ethernet can provide the speed and capacity needed. Using the TURCK M12 X-code connector, our customers now have a dependable communication solution for these high-speed applications."

Featuring a robust, compact design, the IP67-rated M12 X-Code connector reliably operates in temperatures ranging from -20 degrees Celsius to 70 degrees Celsius. The overmolded construction eliminates time-consuming hand-wiring and misconfigurations, and is ideal for Industrial Ethernet applications requiring high speed and greater bandwidth.

To find out more about the M12 X-Code connector, please visit www.turck.us.

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About TURCK

TURCK is a pioneer in industrial automation technology, providing customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. With more than 3,200 people working in 27 countries, TURCK has built global partnerships with customers based on engineering expertise, flexibility and our willingness to take on engineering challenges that others won't. For more information, visit www.turck.us.