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New Product Announcement

Ultra-Rugged Amphenol Industrial Max-M12 Connectors Available from Mouser

August 18, 2014 – [Mouser Electronics](#), Inc. is now stocking the [Max-M12 Connectors](#) from [Amphenol Industrial](#). Designed for use in extremely harsh environments, these rugged, high-speed data transmission connectors are built to withstand high vibration and high temperature. The devices are housed in a HDM 12 metal or plastic shell, and are available as a straight or right-angle connector. The Max-M12 is a perfect solution for a variety of ultra-rugged applications where a robust connection system is required.

The [Amphenol Industrial Max-M12 Connectors](#), available from Mouser Electronics, are able to withstand temperatures ranging from -55°C up to 125°C, increasing to -55°C up to +150°C with Viton Seals, Current rating for the 4-pin is 4A at 250V, with the 5-pin rated at 4A at 60V. The Max-M12 connection system is both dust and waterproof, and is resistant to high pressure and high temperature wash downs per extreme SAE J 2839 environmental testing requirements. The connector can be terminated into 0.8 mm² (18 AWG) or 0.5 mm² (20 AWG) wires as defined by SAE J1128, and 0.75 mm² or 0.50 mm² conductors, as defined by ISO 6722. All Max-M12 connectors are rated at IP67 or above, and comply with IEC 61076-2-101 (M12) and SAE J2839 standards.

The Max-M12 connection system is ideal for applications that utilize construction machinery and equipment, forestry equipment, navigation, [GPS and telematics](#), mining machinery and equipment, agricultural machinery and equipment, and [harsh environment sensors, controllers, actuators and switches](#).

The Max-M12 connection system can be configured with A, B, D, and P polarity codes in line with IEC 61076-2-101 specifications, and come as stand-alone connectors or cable assemblies with an option to over-mold the cable assembly, if required. Mouser Electronics offers many shell styles and gender types to choose from, making the Max-M12 a truly flexible connection system solution to meet a variety of needs.

To learn more, visit:

<http://www.mouser.com/new/amphenolindustrial/amphenol-max-m12-connectors/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Amphenol Industrial

Amphenol Industrial offers a wide variety of receptacles, plugs, and connectors. Amphenol Industrial has long been the accepted leader in providing quality connectors and interconnect systems to the industrial markets and is the leading manufacturer of cylindrical connectors in the world. Most Amphenol Industrial Circular Connectors are in stock or assembled and ready to ship within 7 to 10 business days.

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– 30 –

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