

News Release

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M17 PRO hybrid connectors in accordance with IEC standard Compatibility and flexibility for data, signal, and power connections

Middletown, PA – Phoenix Contact introduces the M17 PRO hybrid connector, the first M17 circular connector in accordance with the IEC standard 61076-2-117. The M17 PRO hybrid combines data, signal, and power transmission in a compact, single-cable solution.

The three-in-one solution is ideal for a wide range of applications from robotics to motor control. The patented ONECLICK fast-locking system cuts assembly time by up to 70 percent compared to conventional connection methods. Audible, visual, and haptic feedback ensure a fast and secure connection.

The M17 PRO hybrid is just 30 millimeters high, a 15 percent height reduction compared to other M17 connectors. The compact design makes it suitable for space-critical, modular designs, such as low-voltage motors or conveyors. Color and mechanical coding for pin alignment ensure error-free connection.

The M17 PRO hybrid connector is available in versions for 50 V and 630 V. It withstands currents of up to 16 A and has a connection cross-section of the power pins of up to 1.5 mm². The IP66 and IP68 (2 m/24 h) degrees of protection ensure a high level of reliability even under demanding conditions. Learn more at <https://www.phoenixcontact.com/en-us/m17-pro-hybrid-connectors>.

About Phoenix Contact

Since 1923, Phoenix Contact has created products to connect, distribute, and control power and data flows. Our products are found in nearly all industrial markets. Sustainability and responsibility guide every action we take, and we are proud to collaborate with our customers to empower a smarter and better world for future generations. Together, we are creating a sustainable world based on our passion for technology and innovation.

For more information about Phoenix Contact or its products, visit www.phoenixcontact.com, call technical service at 800-322-3225, or email us-info@phoenixcontact.com.

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