



Fischer Connectors at DSEI: making advances in miniaturization, performance and data transfer with MiniMax USB 3.0 and UltiMate Power solutions

DSEI, London, 12 September 2017 – Fischer Connectors, the global innovator in push-pull circular connectors and cable assembly solutions, is showcasing its innovative ruggedized products designed to meet the growing needs for **faster, more powerful and smaller solutions** in defense & security applications at the Defence and Security Equipment International (DSEI) tradeshow.

In close partnership with its customers, Fischer Connectors continues to push the boundaries of connectivity to address design engineers' need to **minimize space** and **maximize performance** in their devices used in **Dismounted Soldier, Ground, Aerospace and Marine military applications**.

On **stand S4-120** at DSEI, visitors can discover, along with their full product range tested to MIL-standards, the following new products:

- **Ultra-miniature USB 3.0 connector in the Fischer MiniMax™ Series**

The lightweight, high-density Fischer MiniMax™ Series has been extended to include a new **dedicated USB 3.0 contact block in the 08 size**; a robust, IP68 solution that meets needs for even **faster data transfer, higher performance and greater functionality** in small devices. With multiple combinations of signal and power contacts in a high-density body, the MiniMax connector is ultra-compact, light and easy to use. It can be used in several applications where weight and space are paramount, such as:

- Miniature body-worn computers to replace multiple standard input/output connectors and achieve full compliance with demanding USB 3.0 data protocols
- High-performance cameras to ensure a rugged, sealed interface and reliable data transmission from the camera to the recording unit.



- **Power connectivity solution in the Fischer UltiMate™ Series**

The ultra-rugged, compact Fischer UltiMate™ Series has been extended to include **two power configurations**. New configurations of **2x contacts of 26 Amps each or 3x contacts of 16 Amps each, both combined with 3x signal contacts** offer even more flexibility, improving the power supply alongside signals and enabling the full integration of UltiMate connectors into all applications. With IP68/69 or hermetic sealing, and 360° EMC shielding, the UltiMate connector is able to withstand high levels of shock, vibration, corrosion and extreme temperatures, and 10,000 mating cycles. It is being used, for example, in:

- Field radios, UAVs, radar and surveillance systems to optimize power connectivity.



Visitors will also be able to get a preview – both on the stand and in the **Dismounted Soldier Systems Showcase** located in the tradeshow's Land Zone – of Fischer Connectors' **breakthrough wearable connectivity technology** offered by the **LP360** solution. This rugged, lightweight, low-profile connector offers 360° mating freedom to optimize cable management, allowing for easy integration into clothing. By eliminating the key code, it can be mated, routed and plugged in any direction, ensuring that the cable can always go straight to the device with minimal twists and turns and reducing stress on the cable. Fully cleanable on the receptacle and plug side, the LP360 is easy to use and maintain.



Expertise and innovation come with **clear communications and insight**. Attendees to the **DSEI Seminar Programme** will be able to learn more about **connectivity trends** – wearability, miniaturization, data transfer and sealing – in the presentation given by **Fischer Connectors' Sr. Product Manager Wim Vanheertum**:

DSEI SEMINAR PROGRAMME

- **“What Modern Soldiers Want: Robust, Fast, Small, Smart Connectors”** – location: East Theatre, Land Zone, North Hall / Wednesday 13 Sept., 10:30-11:00.

Field-tested in a wide range of defense & security applications, Fischer Connectors' rugged solutions are presented in an innovative and ultra-realistic computer-generated **video**, a dedicated **website** and a **brochure**, all published as a world premiere at DSEI.



More information:

- **Fischer MiniMax™ Series USB 3.0:** www.fischerconnectors.com/global/en/products/minimax
- **Fischer Ultimate™ Series Power:** www.fischerconnectors.com/global/en/products/ultimate
- **LP360:** www.fischerconnectors.com/global/en/new-lp360-wearable-connectivity-technology
- **DSEI Seminar Programme:** www.dsei.co.uk/conferences/conferences--seminars-overview/seminar-programmes/seminar-programme#/
- **Dedicated website:** <https://military.fischerconnectors.com>
- General:
 - **Stand S4-120** at the DSEI: www.fischerconnectors.com/global/en/defence-security-equipment-international-dsei-2017
 - Fischer Connectors' website: www.fischerconnectors.com
 - How to contact us: www.fischerconnectors.com/global/en/contact-us

Fischer Connectors' **press release with HD pictures and related documents** can be found [here](#).

About Fischer Connectors

*Fischer Connectors has been designing, manufacturing and distributing high performance connectors and cable assembly solutions for more than 60 years. **Known for their reliability, quality and resistance to extreme environments**, Fischer Connectors' solutions are used in fields requiring faultless quality, such as defense & security, medical, industrial, instrumentation, audiovisual, transportation and energy.*

*Proven in **Dismounted Soldier, Ground, Aerospace and Marine** applications, Fischer Connectors' solutions have been tested to **MIL-standards**, are used in most soldier modernization programs – especially in **C4ISTAR technologies**, and meet the need for safe and reliable operations.*

The Fischer Connectors Group's head office is in St-Prex, Switzerland (Canton of Vaud), where the Research & Development Center and its manufacturing facilities are located. The Group has an international presence with its subsidiaries and a wide network of distributors and agents, as well as its cable assembly sites in Europe, the United States and Asia.