



# TEST & MEASUREMENT CONNECTIVITY SOLUTIONS

**RELIABLE  
ACCURATE  
SECURED**

Wide choice of configuration

Lower through-life cost

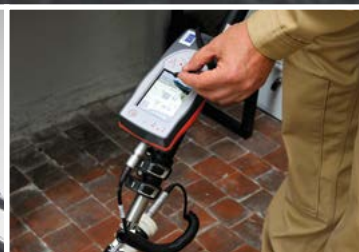
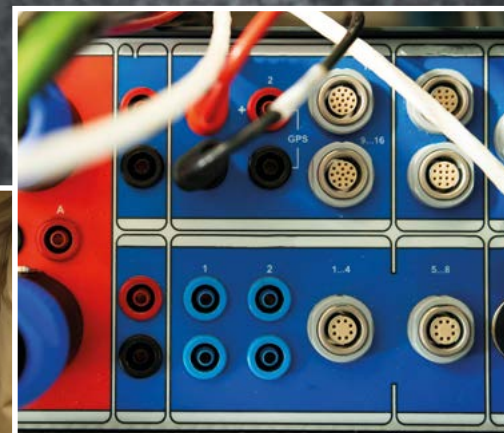
Ease of use



For more than 60 years, Fischer Connectors has been designing and manufacturing connectivity solutions that meet the demanding requirements of the instrumentation market.

Our range of **connectors and cable assemblies** provide up to **10,000 mating cycles**, **IP68 / 69** and **hermetic sealing**, and full **EMC shielding** to extend the life of your devices. **Blind mating**, **various keycodes** and **color coding** for safe mating, as well as **360° locking mechanism** ensure constant connection and ease of use.

Whether subject to **extremes of temperature**, **water ingress or salt spray** at sea, **high vibrations** in motorsport, or **data transfer** and **decontamination** in nuclear, Fischer Connectors provides reliable and secure connection.



# TEST & MEASUREMENT

Ideal for instrumentation applications, the Fischer Core Series and the Fischer Freedom™ Series offer a wide range of standard body sizes, styles and contact configurations:

## FISCHER CORE SERIES



Miniature 50 Ohm coaxial connector



Seismo Wave, a leader in infrasound sensors, uses Fischer Core Series brass connectors on micro-barometers tracking eruptive activities.

- 20,000+ standard configurations
- Brass, stainless steel and aluminum shells
- 7 standard body sizes and **Nim-Camac**
- Up to IP68/69 and hermetic sealing
- Multipole, low/high voltage, coax, hybrid and mixed
- 360° EMC shielding
- Corrosion and radiation resistance
- Decontamination and sterilization performance

## FISCHER MINIMAX™ SERIES



YellowScan, a French company designing and manufacturing UAV LiDAR solutions, uses three Fischer MiniMax™ connectors on its 'Mapper' that can be quickly mounted on any UAV.

- Multiple combination of protocols possible: up to USB 3.2 Gen 1, Ethernet 10 Gbit/s, HDMI 1.4 and Single Pair Ethernet 1 Gbit/s
- Ultra-miniature: up to 24 signal & power contacts in just Ø12 mm
- IP68 2m/24h and  $<10^{-6}$  mbar/sec gas sealing, salt-mist resistance 1000 hours
- Three locking systems: push-pull, screw, quick-release

Other solutions available with:



**CONTACT YOUR LOCAL FISCHER CONNECTORS SUBSIDIARY**

Explore high-performance connectivity solutions  
[fischerconnectors.com](https://www.fischerconnectors.com)