Keeping the medical device industry connected

With requirements and technologies perpetually changing, serving the medical device industry can be a challenging business. **Fischer Connectors**' innovative connection solutions, however, speak for themselves and the company is a trusted partner of the healthcare sector.

Fischer Connectors' high-performance medical interconnect solutions.

Well-known for its complete, standard, custom-made and integrated solutions, Fischer Connectors' comprehensive product range includes over 10,000 standard items. Proven to be reliable in demanding environments, the company's products serve a wide array of medical applications.

When less is more: Fischer MiniMax™ series

A breakthrough high-density, miniature, circular interconnect solution, the Fischer MiniMax™ series increases the performance of rugged devices, handling more mixed signal and power connections, while saving space, weight and costs. Adding power and miniaturisation to your devices, it is particularly suited to handheld or body-worn devices where user-friendliness is a must.

For demanding medical environments: Fischer UltiMate™ Original series

The Fischer UltiMate™ Original series offers durable, compact, lightweight, sealed connectors and cable assembly solutions for electronic medical equipment. Major features include its miniature, ultra-light and sterilisable design, robust keying, excellent shielding and ultimate sealing at level IP68/69K – even when unmated with Fischer's medical-grade cable assembly solutions.

For compact product designs: Fischer Core series

The high pin density that Fischer Core series multipole connectors offer – up to 55 ways – is ideal for compact equipment. With a circular push-pull design and ribbed housing profile, Core series connectors are easily gripped. To prevent misconnection, the plugs and receptacles can be colour- and mechanically coded. Sterilisable versions with metal or plastic housings are also available.

When weight matters: Fischer AluLite™

50% lighter than typical metal connectors, the corrosion-resistant aluminium alloy Fischer AluLite™ series is perfect for ultra-light mobile medical equipment, portable systems and hand-held devices. The connector housings' ribbed profile makes connection simple. Plugs and receptacles are shielded against electromagnetic interferences and engineered to endure 10,000 mating cycles. The series comes in a range of configurations, body styles and colours.

For disposable medical devices: Fischer L.U.C.™

The Fischer L.U.C.™ (limited use connector) contributes to the low cost and high performance of disposable medical devices. Directly mounted into a disposable handpiece and overmoulded or mounted to a disposable cable, the Fischer L.U.C. suits a wide array of applications. Mateable with all high-performance Fischer panel and cable receptacles and capable of withstanding EtO and gamma sterilisation processes, the L.U.C. disposable plug allows permanent equipment to keep working with high-cycle lifetime receptacles.

For complex interconnections: Fischer Hybrid

Flexible hybrid connectors mix several functionalities into the same body. A single contact block can simultaneously transmit electricity (coax, high or low voltage, or high current), fibre optics (single mode or multimode), fluids or gas. The design solves any interconnection problems. Sterilisable and sealed IP68 versions are available.

Get a sneak preview: 3D CAD models

Direct access to 3D CAD models and fast prototyping are some of the value-adding services our customers can rely on. Trusted by OEMs for over 50 years, our specialists are on hand to provide support throughout design and assembly.

About Fischer Connectors

A leading ISO 13485-certified company, customer-focused Fischer Connectors designs, manufactures and distributes high-quality, high-performance, circular, push-pull connector and cable solutions. Its precise and reliable products are used in many fields. ■

Further information
Fischer Connectors
www.fischerconnectors.com
Email: mail@fischerconnectors.ch