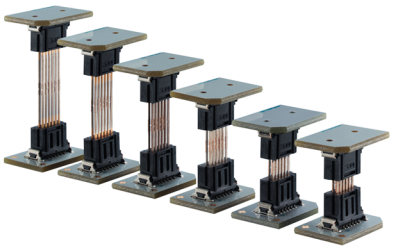
ERNI AMERICAS

Medical Connectors

Industry Profiles

Medical



CONNECTING IN THE MEDICAL SPACE

Medical devices require electronics to perform. Whether it is an x-ray machine to determine if a bone is broken, a portable oxygenator that gives mobility back to its user, or even a prosthetic device that enables a person to tie his or her own shoes, the precision of electronic connectors help power the way.

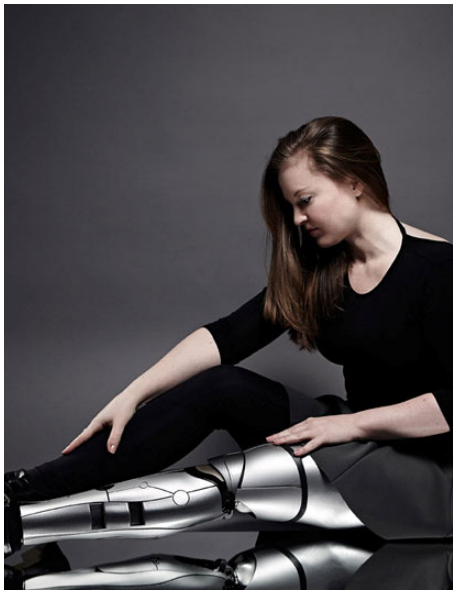
ERNI connectors are ideal for the power and signal requirement for these types of applications. This document highlights three product families for this industry: MaxiBridge, MiniBridge and SMC.

WHY ERNI?

ERNI Electronics connectors are designed and manufactured to exacting requirements. We incorporate dual beam female contacts for maximum reliability and have a variety of options and accessories that complement our diverse product lines. When you use ERNI, you can count on reliable connections for your signal and power needs.

MaxiBridge

MaxiBridge, a wire to board interconnect solution with a 2.54mm pitch and up to 12A per contact, is an excellent solution for small format applications such as surgical robotics, CT scanners and portable oxygenators.



MiniBridge

MiniBridge, is a single row connector with a scoop proof design and a 1.27mm pitch, has both wire to board and board to board options, and delivers up to 8.7A per contact. The SMT termination allows for cost effective assembly by the customer. Scanners, x-ray machines, and prosthetic devices are just some of the medical applications that benefit from these features.

SMC

SMC is one of ERNI's most versatile product families. This dual row connector has a 1.27 mm pitch, delivers up to 1.7A per contact plus up to 3Gbit/s. SMC connectors and cable assemblies are found in dialysis machines, ultrasound machines, and communication tools used in telehealth.

Learn more about ERNI Connectors for Medical Applications