# INNOVATIVE PRODUCTS FOR MEDICAL EQUIPMENT APPLICATIONS



TE designs and manufactures connectors and components to work in harsh medical environments—withstanding vibration, liquids, and sterilization processes. We lead the way in innovation and collaboration, learning your company's needs and goals, listening to your ideas, and developing transformative solutions to your most challenging problems. Need to future-proof your device? We will build next-generation technology capabilities into precision components, assemblies, and devices to help your products transition into the future.

Our product diversity, engineering expertise, manufacturing experience, and global presence will provide you with the products you require, the turnaround you need, and the distribution scheme you choose. We are a global organization experienced in the medical market and, as your innovative solutions partner, we are committed to your success.



## **ANTENNAS**

Accommodate numerous sets of frequency bands for operation on most networks — in either regional or global markets



## ELCON MINI POWER I/O CONNECTORS

Support a rating higher current than similar small sized solutions (up to 40 A per contact, 400 Volts AC or DC)



#### **FORCE SENSORS**

Measure force with high reliability in applications such as ablation catheter, dialysis machines, and endoscopic surgery



## HUMIDITY SENSORS

Design for demanding applications such as, ventilator and respirator, premature newborn cabinet, and sleep apnea treatment/CPAP, with a broad range of calibrated and amplified sensors measuring relative humidity



## IMPACT BACKPLANE PRODUCTS

Save space using differential pair density with up to 80 pairs per linear inch



# PIEZO FILM SENSORS

Provide highly reliable, low-cost vibration, accelerometer or dynamic switch elements. Offer flexibility in applications including electronic stethoscope, heart rhythm monitoring, and discrete vital signs monitoring.

CHANNEL /// TENGO MEDICAL EQUIPMENT APPLICATIONS







## **POSITION SENSORS**

Offer robust non-contact measurement of changes in the magnetic field as seen by the sensor in medical applications such as a pacemaker, infusion pump, and surgical devices and instruments, with Anisotropic Magneto Resistive or AMR sensors

## POWER DATA COMMUNICATIONS CABLE ASSEMBLIES

Offer a highly customizable solution with standard or high-flex cable assembly designs for easier routability

## PRESSURE SENSORS

Enable design flexibility with standard and custom pressure products ranging from board level components to fully amplified and packaged transducers designed for applications such as sleep apnea studies, ventilator and respirator, endoscopic surgery, and mobile oxygen delivery

## SFP PLUGGABLE I/O CONNECTORS

Support applications up to 4 Gbps with single port, ganged and stacked cages and a 20 position PT connector

## ZSFP+ PLUGGABLE I/O CONNECTORS

Perform at data rates of 28 Gbps up to 40 Gbps and enable superior signal integrity, mechanical and electrical performance

