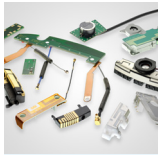


# INNOVATIVE PRODUCTS FOR AUTOMATION & CONTROL APPLICATIONS



Industrial production is increasingly driven by greater automation, safety and energy efficiency. Factories are becoming increasingly “smart”—that is, they are becoming more automated and efficient. Robots are taking center stage as more factories transition into digitally smart environments. Efficient digital factories optimize human-robot interactions, where the robots help humans easily perform cumbersome and time-consuming tasks.

TE is on the front lines of this revolution, providing data, power and signal solutions that are contactless and unlike anything on the market. You can count on TE to work with you every step of the way to meet those requirements by developing solutions for all aspects of your production processes.



## ANTENNAS

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



## FULLAXS/FULLAXS MINI CONNECTOR SEALING & CABLE ASSEMBLY SYSTEM

Enables one-handed, blind installs from any angle with a product that is scalable to meet most any infrastructure requirements



## ARISO CONTACTLESS CONNECTIVITY

Allow the delivery of robust power, signals and data without any physical connector contact



## HEAVY DUTY CONNECTORS

Allow for easy assembly of the modular inserts, minimize installation cost and maximize machine modularity with unique, time saving 1-piece connector frame



## ELCON MINI POWER I/O CONNECTORS

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



## MOTORMAN HYBRID CONNECTORS

Satisfy power, signal and communication needs in one compact connector



## FORCE SENSORS

Measure static or dynamic force and torque in demanding applications such as steel mills, power plants, and general machine functions



### POSITION SENSORS

Designed for demanding applications in processing plants, factories, and machine automation



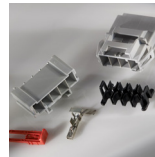
### POWER DATA COMMUNICATION CABLE ASSEMBLIES

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



### POWER KEY CONNECTORS

Deliver power to board while optimizing contact seating and proper mating to the PCB header



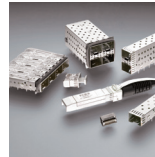
### POWER TRIPLE LOCK CONNECTORS

Offer reliability with audible lock and 3 different locking mechanisms handling up to 20A in different materials to support various temperature and flammability ratings



### PRESSURE SENSORS

Maintain high reliability and stability while measuring extremely small changes of applied pressure. Designed for demanding applications in steel mills, factory automation, and machine functions



### SFP PLUGGABLE I/O CONNECTORS

Support Ethernet, Fibre Channel, and InfiniBand standard applications for up to 16 Gbps with this customizable solution



### SINGLE WALL FLAME RETARDANT (SWFR) TUBING

Provide electrical insulation and mechanical protection with halogen-free, UL-VW 1 rated irradiated polyolefin tubing



### TEMPERATURE SENSORS

Measure low and high temperature in a wide range of environments. Designed for demanding applications in power plants, chemical plants, wind farms, and general machine automation



### ZHD HEAT SHRINKABLE WIRE IDENTIFICATION LABELS

Enable both low fire hazard and diesel resistance in a single cable identification solution