

Solutions for Sensification within Lawn and Garden Applications

At TE Connectivity (TE), our cost-effective connectivity solutions are helping to optimize lawn and garden applications.

TE sits at the heart of enabling sensification within lawn and garden applications. Our broad product portfolio of connectors, sensors, tubing, terminals and splices create innovative solutions for pumps, motors, lawn and garden equipment and power tools.

CONNECTORS



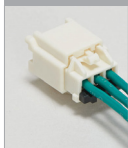
Micro MATE-N-LOK Connectors

- Low profile design
- Dual beam receptacle contact design
- PCB mount pin header assemblies
- Utilizes standard Micro MATE-N-LOK contacts



Economy Power 2.5 Connectors

- Achieve easy mating and unmating with positive audible latch
- Prevent post misalignment with polarization tabs



GRACE INERTIA 2.5 Connectors

- Design assures proper insertion, preventing header pin deformation
- Inertia locking mechanism helps prevent unintended disconnection
- Lanceless contacts prevent snagging or entanglement



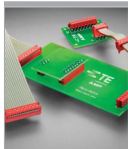
HPI Connectors

- Provides design flexibility
- Cost effective wire-to-board
- Ensures proper compatibility of both the header and the housing
- Prevents stubbing contacts



Dynamic Series Connectors

- Offers both wire-to-board and wire-to-wire applications
- Provide efficient and reliable device connector solution for multiple systems
- Covers a wide range of expanding connector types



Micro MaTch Cable Assemblies

- Full range of application tooling from hand tool to fully automated equipment
- One of the smallest systems available at 1.27mm



M8/M12 Connectors

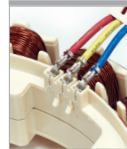
- Field-installable connectors for high-speed communication
- Environment protection IP67 & IP68
- X-coded connectors support higher bandwidth needs of up to 10 Gb/s

TERMINALS & SPLICES



AMPLIVAR Terminals and Splices

- Up to three magnet wires plus a lead wire in the same crimp
- Cu and Al magnet wire can be combined
- Penetrates the magnet wire insulation while simultaneously terminating wire



MAG-MATE Terminals

- High speed, fully automated integrated systems provide uniform magnet wire terminations reliably at the lowest possible applied cost
- Accommodates Cu or AL wire



Ring and Spade Terminals

- Versatile mating options support solid or stranded single wire connections
- Offer a range of sizes, materials, configurations and platings to meet specific requirements

TUBING



SWFR Heat Shrink Tubing

- Highly flame-retardant with UL VW-1 and CSA OFT flammability rating
- Environmentally friendly formula is essentially free of halogens, permitting use in enclosed areas where emission of toxic gasses from burning materials

SENSORS



AmbiMate Sensor Module

- Sense motion, light, temperature, humidity, VOCs, eCO₂, sound on one assembly
- One footprint with multiple attachment methods accommodates varying needs



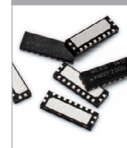
FX29 Force Sensor

- Compact compression load cell features robust packaging, fast response time and low output noise
- Offers millivolt, amplified analog or digital output signal



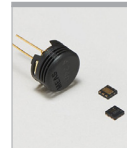
TRICAN HTD 2800 Sensor

- Provides digital output signals for relative humidity, temperature and pressure from a single device
- Rugged sensor is optimized for high humidity, high temperature harsh environments



KMXP Linear Position Sensor

- Able to withstand a multitude of harsh environments
- Magneto resistive technology delivers contactless measurement with precise, high resolution
- Packages support multiple orientations



Humidity Temperature Sensor

- Full interchangeability with no calibration required in standard conditions
- Instantaneous desaturation after long periods in saturation phase
- Compatible with automatized assembly processes
- Individual marking for traceability



DOG2 MEMS-Series inclinometer

- Features digital signal processing to include temperature compensation
- Integrated filter improves performance
- Adjustable sensor to fit different environments can yield an optimized performance



NTC Thermistors

- Discrete Negative Temperature Coefficient thermistors, probes and assemblies meet a range of temperature sensing needs
- While miniature in size, they offer long term stability, accuracy and precision

te.com

AMPLIVAR, MAG-MATE, MATE-N-LOK, Micro MaTch, TE, TE Connectivity and TE Connectivity (logo) are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2019 TE Connectivity Ltd. family of companies All Rights Reserved.

3-1773982-3 09/19 Original