

Reach your local sales team at 1.800.CALL.TTI

## Serving the Transportation Industry

## Brake Systems

- Pressure Sensor
- Pressure Switch
- Speed Sensing


## Engine Systems

- Pressure Sensor
- Pressure Switch
- Speed Sensor
- Temperature Probe
- Thermostat


## Fuel Systems

- Pressure Transducer
- Temperature Sensor


## Hydraulic Systems

- Pressure Sensor
- Pressure Switch
- Speed Sensor
- Temperature Probe


## Operator Controls

- Hour Meter
- Key Switch
- Push-pull Switch
- Shifter
- Toggle Switch
- Turn Signal Control


## Vehicle Position and Tilt

- Limit Switch
- Position Sensor
- Sealed Switch
- Inertial Measurement Unit
- Wireless Solutions


## Vehicle Temperature Sensing, and Engine Testing

- Force Sensor
- Pressure Sensor
- Torque Sensor
- Wireless Data Telemetry


## Wheels and

Suspension Systems

- Limit Switch
- Position Sensor Assemblies
- Potentiometer
- Pressure Transducer
- Pressure Switch
- Resolver
- Sealed Switch
- Speed Sensor
- Thermostat


Material Handling Equipment


Mining and Construction


Lawn and Garden



## Table of Contents

Serving Transportation ..... 2
Component Locations ..... 4, 5
Speed and Distance Sensors ..... 5
SMART Position Sensors ..... 6, 7
Rotary Position Sensors ..... 8
Magnetic Sensors ..... 9
Pressure and Vacuum Switches ..... 10,11
Pressure Sensors ..... 11
Magnetic Sensors12, 13
Temperature Sensors ..... 14, 15
MICRO SWITCH Toggle Switches ..... 16
MICRO SWITCH Basic Switches ..... 17
MICRO SWITCH Limit Switches ..... 18, 19
Controls - Push/Pull, eStop, and Hour Meters ..... 20
Controls - Key and Rotary Switches, Shifters ..... 21
Test and Measurement ..... 22

## Component Locations

TTI distributes Honeywell components for a vast range of applications across a broad spectrum of vehicle types. In commercial and construction vehicles where hydraulics are a major part in their working applications, Honeywell pressure sensors, position sensors and temperature sensors help protect against over-heating or overstressing implements and the vehicle systems to keep equipment working and operators safe.

In recreational vehicles, you can find a variety of Honeywell switches, toggles and sensors keeping the fun going under all manner of extreme conditions. From frozen snow machines, to saltwater immersed watercraft, to the dusty sand dunes where quads go to play, the Honeywell brand name stands for long-life in harsh environments.

From the air in the tires to the air conditioning in the cab, Honeywell and TTI have the right component for the application your transportation equipment demands.

## Commercial Vehicles

## Part Description

Liquid Level Sensor (Fuel, Oil, or Brake Fluid Sensing) LLE Series
Heavy-duty Pressure Transducer 23a.
Hydraulic Sensing; 23b. Fuel Tank Level Sensing; 23c. Braking System Sensing PX3, PX2, MLH, $13 \mathrm{~mm}, 19 \mathrm{~mm}$, and SPT Series

36 Vacuum Switch (Airflow Monitoring) 5000 Series MICRO SWITCH ${ }^{\text {™ }}$ Limit Switch (Back-up Alarm) BZE Series

MICRO SWITCH ${ }^{\text {™ }}$ Limit Switch (Level Sensor for Cab Position) GLS Series
MICRO SWITCH ${ }^{\text {TM }}$ Limit Switch (Machine Position) HDLS Series
MICRO SWITCH ${ }^{\text {™ }}$ Limit Switch (Jib, Wheelbock, and Outrigger Position Indicator) GLS Series
MICRO SWITCH ${ }^{\text {™ }}$ Toggle Switch (Manual Operator Switch) NT Series

MICRO SWITCH ${ }^{\text {™ }}$ Basic Switch (Watertight) (Brake Switch Indicator) V15W Series
Limitless ${ }^{\text {TM }}$ Switches 43a. (Replaces Wired 2-block Jib); 43b. (Boom Position Sensing Full Retraction/Full Extension); 43c. (Outrigger
Position Sensing: Full/Half Extension; Full Retraction); 43d. (Confirms Mechanical Locks are in Place); 43e. (Adjustable Min./Max. Cab Position Sensing)
Load Cell or Load Pins 44a. (Hook Load Sensing);
44 44b. (Outrigger Load Sensing, Minimum of 4, Maximum of 6)
Load Cell 45a. (Torsion or Boom Side Load
45
Sensing); 45b. Provides Counterweight Information to Operator)
46 Load Pin (Replaces Hydraulic Cylinder Pins)

## Recreational Vehicles



## Construction Equipment



## Speed \& Direction Sensors

Provide true zero speed capability, direction sensing, and precise switch point measurement. Speed sensor diagnostics provide information on air gap and sensor failure for increased reliability and functionality. A comprehensive lineup of Hall effect, magnetoresistive, and variable reluctance sensors.


## SMART Position Sensors

Honeywell's SMART Position Sensors are some of the most durable and adaptable position devices available in the industry today. Their simple, non-contact design eliminates mechanical failure mechanisms, reduces wear and tear, improves reliability and durability and enhances operator efficiency and safety, while minimizing downtime.


## Rotary Position Sensors

## Non-contact Hall Effect Sensors and Potentimeters

Mechanical versions with 2-bit and 4-bit gray code outputs for potential use in incremental and absolute electrical reference applications. Series are available with PC terminals or cable leads. Lever option on RTY Series may reduce number of mechanical linkages required for the application.


## Magnetic Sensors <br> Hall Effect and Magnetoresistive Sensors

Consists of sensors packaged in a variety of housings. Includes vane sensors, digital position sensors, and solid-state switches. Packaged with Honeywell's first level Hall effect or magnetoresistive sensor ICs with additional wiring, circuitry, or connectors to provide more application functionality.


## Pressure and Vacuum Switches

Feature set points ranging from 0.5 psi to 4500 psi and $1.1 \mathrm{in}-\mathrm{Hg}$ to $22 \mathrm{in}-\mathrm{Hg}$, and enhanced repeatability of set points and wide media capability. IP67 environmental sealing and high proof pressure and burst pressure ratings allow for use in many rugged applications that require the making or breaking of an electrical connection in response to a pressure change.



## Pressure Sensors Heavy-Duty Transducers

Complete amplified and compensated pressure measurement. With a choice of ports, connectors, outputs and pressure ranges, transducers can be configured. Heavy-duty pressure transducers are engineering to be resistant to aggressive media in most harsh environments.


## Magnetic Sensors <br> Magnetoresistive Sensor ICs

With a built-in magnetoresistive bridge integrated on silicon and encapsulated in a plastic package, magnetoresistive sensor ICs feature an integrated circuit that responds to low fields at large distances. Low gauss operation extends sensing distance to one inch or more, depending on strength of magnetic field.


## Temperature Sensors <br> Packaged Temperature Probes

Compact, lightweight sensors operate with enhanced sensitivity, reliability, and stability under diverse conditions of shock, vibration, humidity, and corrosion. Variety of custom packages available for air, liquid, and solid temperature sensing applications.



## MICRO SWITCH Toggle Switches Sealed and Standard Toggles

Hermetic and environmentally sealed toggle switches offer enhanced reliability with MICRO SWITCH technology. Can be used in a variety of applications where a panel-mount switch with an environment-proof rating is needed, including industrial equipment, military and commercial aviation, and agriculture.

| Type | Stainless Steel, Phenolic Toggle | Miniature Toggle | Industrial-grade Toggle | Military-grade Toggle |
| :---: | :---: | :---: | :---: | :---: |
| Sealing | N/A | $\begin{aligned} & \text { IEC 60529-2001, } \\ & \text { IP67, IP68 (Except } \\ & \text { Terminal Parts) } \end{aligned}$ | IP67/68; NEMA 3, 3R, 4 and 13 | Qualified to <br> MILDTL-3950 |
| Operating Temperature | $\begin{aligned} & -54^{\circ} \mathrm{C} \text { to } 71^{\circ} \mathrm{C} \\ & {\left[-65^{\circ} \mathrm{F} \text { to } 160^{\circ} \mathrm{F}\right]} \end{aligned}$ | $\begin{aligned} & -40^{\circ} \mathrm{C} \text { to } 85^{\circ} \mathrm{C} \\ & {\left[-40^{\circ} \mathrm{F} \text { to } 185^{\circ} \mathrm{F}\right]} \end{aligned}$ | $-40^{\circ} \mathrm{C} \text { to } 71^{\circ} \mathrm{C}$ | $\begin{aligned} & -65^{\circ} \mathrm{C} \text { to } 71^{\circ} \mathrm{C} \\ & {\left[-85^{\circ} \mathrm{F} \text { to } 160^{\circ} \mathrm{F}\right]} \end{aligned}$ |
| Actuator/Lever | Standard | Standard | Standard, Locking, Special Design, Tab | Standard, Special Design, Tab, Paddle, None |
| Action | 2- or 3-position, Momentary and Maintained |  |  |  |
| Mounting | 15/32 in Bushing |  |  |  |
| Termination | Solder, Screw, Quick Connect | Solder | Solder, Screw, Quick Connect | IWTS, Solder, Screw, Quick Connect, Leadwire |
| Circuitry | SPST, SPDT, DPST, DPDT | SPST, SPDT, DPST, DPDT | SPST, SPDT, DPST, DPDT, 4PST, 4PDT | SPST, SPDT, DPST, DPDT, 3PST, 3PDT, 4PST, 4PDT |
| Contacts | Silver Cadmium Oxide | Silver Alloy, Gold-plated | Silver Alloy | Silver Alloy, Gold-plated |
| Amp Rating | Up to 15A | $5 \mathrm{~A}, 28 \mathrm{Vdc}$ with Silver Contacts $100 \mathrm{~mA}, 28 \mathrm{Vdc}$ with Gold-plated Contacts | Up to 20 A (Resistive) | Up to 20 A (Resistive) |
| Measurements | Various | $\begin{aligned} & 43,1 \mathrm{~mm} \mathrm{H} \times 19,05 \\ & \mathrm{~mm} \mathrm{~W} \times 14,55 \mathrm{~mm} \mathrm{D} \\ & {[1.697 \text { in } \mathrm{H} \times 0.75 \mathrm{in} \mathrm{~W}} \\ & \times 0.573 \text { in } \mathrm{D}] \end{aligned}$ | $58,4 \mathrm{~mm} \mathrm{H} \times 33,5 \mathrm{~mm}$ <br> $\mathrm{W} \times 22,6 \mathrm{~mm} \mathrm{D}[2.3 \mathrm{in} \mathrm{H}$ <br> $x 1.32$ in $W \times 0.89$ in D] | $58,4 \mathrm{~mm} \mathrm{H} \times 33,5 \mathrm{~mm}$ <br> $\mathrm{W} \times 22,6 \mathrm{mmD}[2.3 \mathrm{in} \mathrm{H}$ <br> x 1.32 in $\mathrm{W} \times 0.89$ in D ] |
| Approvals | UL, CSA | UL, CE | UL, CSA, CE | UL, CSA, CE, Qualified to MILDTL-3950 |
| Features | Lever-to-bushing Seal | Miniature Behindpanel Size (Case) Enables Overall Control Box or Panel Use | Completely Sealed Switching Chamber; Enhanced Tactile Feedback | Environment-Proof Sealing; Qualified to MILDTL-3950 |

## MICRO SWITCH Basic Switches <br> Water-tight and Premium Basics

Simple or precision on/off, end of limit, presence/absence, pressure, temperature, and manual operator interface application needs. Watertight/dust-tight series provide IP67 protection to operate under difficult environmental conditions. Premium series delivers a broad range of ratings, operating actions, and terminations.

| Type | Water-tight | Water-tight | Water-tight | Premium | Premium |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Amp Rating | 0.1 A, 5 A, 10 A | 0.1 A, 5 A | 0.1 A, 3 A | $\begin{aligned} & 15 \mathrm{~A}(\mathrm{BZ}), 22 \mathrm{~A}(\mathrm{BM}), \\ & 20 \mathrm{~A}(\mathrm{BA}), 25 \mathrm{~A}(\mathrm{BE}) \end{aligned}$ | 0.1 A to 25 A |
| Circuitry | SPDT, SPNO, SPNC | SPDT, SPNO, SPNC | SPDT | SPDT | SPDT, SPNO, SPNC |
| Operating Force | $\begin{aligned} & 15 \mathrm{~g}, 25 \mathrm{~g}, 50 \mathrm{~g}, \\ & 100 \mathrm{~g}, 200 \mathrm{~g} \end{aligned}$ | 1.94 oz to 7.16 oz | 130 gf to 195 gf | 1.0 oz to 28 oz | 0.7 oz Max. to 14.6 oz Max. |
| Terminations | Preleaded; Terminals: <br> $4,8 \mathrm{~mm} \times 0.8 \mathrm{~mm}$ or <br> $4,8 \mathrm{~mm} \times 0.5 \mathrm{~mm}$ | Quick Connect, Solder, Cable Bottom/End, Cable Side Exit | Solder, PCB Straight, PCB Left Angle, PCB Right Angle, Pre-wired | Quick Connect, <br> Solder, Screw | Quick Connect, Pc Board, PCB Straight Angle Left |
| Actuators/Levers | Pin Plunger, Straight, Roller, Sim. Roller, Special | Pin Plunger, Straight, Roller, Sim. Roller | Pin Plunger, Straight, Roller, Sim. Roller | Pin Plunger, Overtravel Plunger, Straight, Roller, Flexible Roller Leaf, Flexible Leaf | Pin Plunger, Straight, Short Flag, Roller, Sim. Roller, Curved Tip, Loop, Paddle |
| Voltage | $125 \mathrm{Vac}, 250 \mathrm{Vac}$, $30 \mathrm{Vdc}, 48 \mathrm{Vdc}$ | $125 \mathrm{Vac}, 250 \mathrm{Vac}$ | $125 \mathrm{Vac}, 12 \mathrm{Vdc}$ | $115 \mathrm{Vac}, 125 \mathrm{Vac}$, 250 Vac | $125 \mathrm{Vac}, 250 \mathrm{Vac}$, 277 Vac |
| Approvals | UL, cUL, ENEC, CQC | UL, cUL, CE, ENEC | UL, cUL, CE, ENEC | UL, CSA, ENEC, CE (Varies by Model) | UL, CSA, ENEC |
| Operating Temperature Range | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ <br> [-40 ${ }^{\circ} \mathrm{F}$ to $185^{\circ} \mathrm{F}$ ] | $\begin{aligned} & -25^{\circ} \mathrm{C} \text { to } 80^{\circ} \mathrm{C} \\ & {\left[-133^{\circ} \mathrm{F} \text { to } 176^{\circ} \mathrm{F}\right]} \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ $\left[-40^{\circ} \mathrm{F}\right.$ to $\left.185^{\circ} \mathrm{F}\right]$ | $\begin{aligned} & -55^{\circ} \mathrm{C} \text { to } 85^{\circ} \mathrm{C} \\ & {\left[-67^{\circ} \mathrm{F} \text { to } 185^{\circ} \mathrm{F}\right]} \end{aligned}$ | $\begin{aligned} & -40^{\circ} \mathrm{C} \text { to } 150^{\circ} \mathrm{C} \\ & {\left[-40^{\circ} \mathrm{F} \text { to } 302^{\circ} \mathrm{F}\right]} \end{aligned}$ |
| Contacts | Silver Nickel, Gold-plated Option | Silver, Gold-plated Silver | Silver, Gold-plated Silver | Silver, Silver Cadmium Oxide | Silver, Silver Cadmium Oxide, Gold |
| Housing Material | PBT Polyester Thermoplastic | PBT (Polyester) | PBT (Polyester) | General Purpose Phenolic | PCT Polyester Thermoplastic |
| Features | Designed for <br> Harshduty, Wash <br> Down Areas; <br> High-sealing Capability <br> with an IP67 Rating <br> (Pre-Leaded Only) | IP67 Available; Low <br> Energy or Power-Duty Electrical Ratings; Goldplated or Silver Contacts; PBT Polyester Housing Material | Low Energy or Power-Duty Electrical Ratings; Goldplated or Silver Contacts; PBT Polyester Housing Material | Worldwide Standard "Large Basic" Switch; Low Operating Force and Travel; Extended Mechanical Life; Momentary or Maintained Actions | Extended Mechanical and Electrical Life; Custom Engineered Solutions |

## MICRO SWITCH Limit Switches <br> Medium-Duty, Global, and Heavy-Duty Switches

Meet IEC standards for world-wide acceptance - often used in lifts and elevators, electronic assembly, construction and agriculture equipment, material handling, and rail. EN50041 and EN50047 mounting pattern options. Global approvals, support, and sourcing.



## Controls <br> Push-Pull/eStop Switches • Hour Meters

Robust, environmentally sealed, sliding contact switch incorporating two circuits with multiple combinations. eStops are available with five different circuitry options. Hour meters feature accuracy to $\pm 0.02 \%$ with various mounting configurations. Excellent vibration and shock resistance.

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Connector Scr | Screw Terminal, Pigtail Harness with Connector (Deutsch) |  |  |
|  | Posistion 2 NO | 2NO Circuits in Push; 2NC Circuits in Push; 1NO/1NC Circuit |  |  |
|  | Cycle Life 250 | 25000 Cycles (Rotary) |  |  |
|  | Chamber Sealing O-rin | O-ring (IP67 Sealing) |  |  |
|  | Measurements $\varnothing 4$ | $\emptyset 45,21 \mathrm{~mm}$ [ $\varnothing 1.78 \mathrm{in}$ ] |  |  |
|  | Temperature | $-40^{\circ} \mathrm{C}$ to $100^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.212^{\circ} \mathrm{F}\right]$ |  |  |
|  | Electrical Rating 12 | 12 Vdc to $14 \mathrm{Vdc}, 20 \mathrm{~A} ; 24 \mathrm{Vdc}$, 10 A |  |  |
|  | Feature $\begin{array}{l}\text { Uv } \\ \text { Slid }\end{array}$ | Uv Resistant Button for Outdoor Use; Moisture, Contamination, and Vibration Resistant; Sliding Contacts; Momentary Switch Option; Knob Available in a Variety of Colors |  |  |
|  | Type | AC or DC | AC | DC |
|  | Counting Range | 0 to 99,999.9 Hours | 0 to 99,999.9 Hours with Automatic Roll over to Zero | 0 to 9999.9; 0 to 99,999.9 (Optional) |
|  | Sealing | IP67 (Front); IP66 (Rear) | IP66 Front (IP40 Rear) | IP66 |
|  | Voltage Range | 9 V to 64 V | 90 Vac to $264 \mathrm{Vac} / 50 \mathrm{~Hz}, 60 \mathrm{~Hz}$ | 10 Vdc to 80 Vdc (Polarity Insensitive) |
|  | Accuracy | $\pm 200 \mathrm{ppm} /$ hour | $\pm 0.02 \%$ | $\pm 0.02 \%$ |
|  | Termination | 1/4 in blades; $3 / 16$ in blades | 1/4 in spade | 1/4 in spade |
|  | Approvals | UL, CE | UL, CSA, CE | N/A |
|  | Mount/Panel Cutout Opening | 2-screw and Standard: 36, $8 \mathrm{~mm} \times 24,1 \mathrm{~mm}$ [1.45 in $\times 0.95 \mathrm{in}$ ] Round: $50,8 \mathrm{~mm}$ [2.0 in] dia. Rectangular: $45,0 \mathrm{~mm} \times 22,4$ mm [ 1.77 in $\times 0.88 \mathrm{in}$ ] | 2-screw and Rectangular: <br> $36,8 \mathrm{~mm} \times 24,1 \mathrm{~mm}$ <br> [ 1.45 in $\times 0.95 \mathrm{in}$ ]; <br> Round: $50,8 \mathrm{~mm}$ [ 2.0 in ] dia. | 2-screw and Rectangular: <br> $36,8 \mathrm{~mm} \times 24,1 \mathrm{~mm}$ [1.45 in x <br> $0.95 \mathrm{in}]$; 3 -screw and Round: <br> $50,8 \mathrm{~mm}$ [2.0 in] Dia. |
|  | Operating Temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.185^{\circ} \mathrm{F}\right]$ | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.185^{\circ} \mathrm{F}\right]$ | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}\left[-40^{\circ} \mathrm{F}\right.$ to $\left.185{ }^{\circ} \mathrm{F}\right]$ |
|  | Number Size | 7 mm [0.28 in] | 3 mm [0.12 in] | 3 mm [0.12 in] |
|  | Features | Backlight and Large 7 mm Display Ease Readability; Digital, Microcontrol Unit LCD; Durable Design of Mounting assembly | Operates over a Range of Voltages and Frequencies; Sealed from Dirt and Moisture; Custom Lens and Terminal Orientation Options | Non-polarity Sensitive Design; Sealed Terms |

## Controls

## Key and Rotary Switches, Shifters

Often used on control panels or machinery in harsh environments, Honeywell key and rotary switches use o-rings to help keep dirt and moisture out of the contact chamber and prolong the switch's life. Custom switches and controls are "standard" for Honeywell S\&C.


## Test \& Measurement for Transportation

## Load Cells

- Pedal Effort Testing
- Seat Belt Testing
- Tire Uniformity

Machine Sensors

- Latch and Lock Testing
- Manual and Automatic Shift Forces
- Cable Testing
- Crimp Forces
- Friction/resistance

Weld Quality

- Body Mount Forces
- Seat Tests


## Pressure Sensors

- Engine Oil Pressure
- Coolant Pressure
- Fuel Pressure
- Cylinder Compression
- Pressure Decay
- Manifold Vacuum
- Fluid Flow
- Dry Airflow


## LVDTs

- Body Panel Gauging
- Shaft Alignment Monitoring
- Valve Guide and

Seat Insertion Control

- Dimensional Gauging/

Verification

- Press-fitted Parts Verification
- Electrode Dimensional Inspection


## Torque

- Engine and Transmission Dynamometers
- Power-train Testing
- Wheel Torque
- Steering Torque
- Brake Testing
- Pump Testing
- Axle Testing
- Fastener Testing
- Fatigue Component Testing


## Wireless Telemetry

- Automotive Test Stands
- Motor and Transmission Dynamometers
- Automotive Brake Testing
- Friction Testing


## Accelerometers

- NVH (Noise, Vehicle, Harshness) Testing
- Vehicle Road Testing
- Conditioning Monitoring
- Vibration Monitoring
- Crash Tests
- Preventative Maintenance Monitoring

When you are designing, testing, and building the latest products for the transportation industry, you need sensors that can stand up to the job, able to perform under harsh in demanding conditions, or in extremely tight spaces, rugged enough to withstand multiple testing runs and provide precise, accurate results over time, every time.

See why more people turn to Honeywell, and TTI whenever they need sensors for their transportation test and measurement applications.


Americas
817.740.9000 ttiinc.com

## The Specialist in Electronic Component Distribution

TTI stocks a broad and deep inventory of Honeywell components for the transportation market.
With Specialists who know and understand the needs of vehicle manufacturers at the OEM and aftermarket levels, TTI can speak your language and ensure that the parts you need get where you need them, when you need them.

| Americas | Europe | Asia |
| :--- | :--- | :--- |
| 817.740 .9000 | ++49.8142 .6680 .0 | +65.6788 .9200 |
| ttiinc.com | ttieurope.com | ttiasia.com |

## Why Buy from the Specialist in Electronic Component Distribution?

Founded in 1971, TTI has steadily grown to become the world's leading interconnect, passive, electromechanical and discrete component distributor in the industry. The company was founded on the premise that passive component purchasing could be made more efficient by offering product specialization, customer-driven service, and proprietary supply chain solutions.


Knowledgeable Product Experts
Specialization allows TTI product managers to provide much better product insight to support your manufacturing from design through production. TTI Specialists' commitment to our customers is key to our continued success.


## Broader and Deeper Inventories

TTI maintains extensive component inventories, stocking more than 500,000 part numbers in North America and over 850,000 globally that's more interconnect, passive, electromechanical and discrete inventory available than from any other source.


AIM - Advanced Inventory
Management Platform
TTI's proprietary supply chain system is specifically designed for managing IP\&E products and partnerships with premier manufacturers. This allows us to provide the BOM coverage necessary to deploy comprehensive solutions that reduce total cost of ownership and mitigate line down risk.

## Quality and Reliability

TTI is the first distributor to have all global warehouse locations ISO registered and currently are certified to ISO 9001 with AS9100D and ISO 14001 in North America, ISO 9001, EN 9100, ISO 14001 and EN 9120 in TTI Europe and ISO 9001 in TTI Asia.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry - call your local TTI Specialists at 1.800 .CALL.TTI and discover why.

