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Factory Automation Application Guide »Motion & Drive« (Connector & Electromechanical)

TTI, Inc., – A Berkshire Hathaway Company



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The Specialist in Electronic Component Distribution



**Global Distribution Centres
with more than 120,000m²
of automated warehousing
in North America, Europe
and Asia.**

Why Choose TTI?

Founded in 1971, TTI has steadily grown to become a world leading specialist distributor of electronic components. 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.

Global Distribution Centres

Our European headquarters is located just outside of Munich, Germany in Maisach-Gernlinden. In total, we have 35,000m² of dedicated warehouse space and local sales and technical support in over 40 locations across Europe. TTI has more than 120,000m² of automated warehousing in North America, Europe and Asia. All are linked into a global warehouse management system that provides superior customer service and overall business efficiencies. Wherever you are in the world, TTI can support you.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – contact us today to find out what a true specialist has to offer.

Quality and Reliability

TTI is the first distributor to have all global warehouse locations ISO registered and certified to ISO 9001 and ISO 14001 Standards. TTI Europe is also certified to EN9120/EN9100, IECQ-CECC and ISO/IEC 27001 Standards. Additionally, all of our European sales branches are ISO 9001 certified. TTI has one global documentation system that ensures that every TTI branch and warehouse in the world follows the same processes.

Factory Automation Applications



Key trends	Applications	Motion - Drives
<ul style="list-style-type: none">• Modularisation, configuration and flexibility• High data volumes• Industry 4.0, digitisation• Cost efficiency• Decentralisation• IP67/68	<ul style="list-style-type: none">• PLC/IPC• HMI/CNC• Interfaces• Servo drives• Servo motors• Machine safety• Cabinets	<ul style="list-style-type: none">• Robotic/Cobot systems• Material handling• Machine tools• Assembly machines• Packaging machines

Connectors

<p>3M</p>	<p>Amphenol®</p>	<p>Amphenol®</p>	<p>Amphenol®</p>
<p>7700 Round Flat, Controlled Impedance Cable</p>	<p>HS-Lok Series</p>	<p>LTW M Series</p>	<p>LTW X-LOK IP68 Field Installation</p>
			
<p>Amphenol®</p>	<p>Amphenol®</p>	<p>Amphenol®</p>	<p>Amphenol®</p>
<p>USB Solutions</p>	<p>VerIO™ Connector</p>	<p>Bergstak® 0.80mm Pitch Connectors</p>	<p>Anytek – Terminal Blocks</p>
			
<p>Amphenol®</p>	<p>HARWiN</p>	<p>HARWiN</p>	<p>JST</p>
<p>ECOMATE RM</p>	<p>High-Reliability M300 Power Connectors</p>	<p>Gecko Screw-Lok Connectors</p>	<p>ZND – Connectors / Wire to Board</p>
			
<p>molex</p>	<p>molex</p>	<p>molex</p>	<p>molex</p>
<p>FCT D-Sub Connectors</p>	<p>Nano-Fit Power Connectors</p>	<p>mPm DIN Valve Connectors</p>	<p>Brad HarshIO Modules</p>
			

Connectors

<p>molex</p>	<p>molex</p>	<p>molex</p>	<p>molex</p>
<p>Brad Ultra-Lock Connection System</p>	<p>DuraClik Connector System</p>	<p>EXTreme Power Products</p>	<p>Flamar Standard and Custom Cables</p>
			
<p>smiths interconnect</p>	<p>smiths interconnect</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>
<p>M23 INDUSTRIAL SERIES L&S</p>	<p>M40/M58 Series</p>	<p>Industrial RJ45 Jacks with Integrated Magnetics</p>	<p>M8/M12 Sensor Cable Assemblies</p>
			
<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>
<p>Industrial Mini I/O Connector</p>	<p>Motorman Connectors</p>	<p>Micro-MaTch Connector Family</p>	<p>Dynamic Series Connector</p>
			
<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>	<p>STE connectivity AUTHORIZED DISTRIBUTOR</p>
<p>M12 X-Code Field Installable Connector</p>	<p>Circular Plastic Connectors</p>	<p>Heavy Duty Connectors with Dynamic Inserts</p>	<p>Circular Hybrid Connector</p>
			

Electromechanical & Power

			
<p>Peak Power Supply NHRP Series</p>	<p>DIN Rail Power Supply TDR Series</p>	<p>Isolated 1W AC/DC Converter BAC1 Series</p>	<p>IGBT MOSFET Gate Driver MGJ Series</p>
			
			
<p>Compact 650W AC/DC Converter – PQU650</p>	<p>Force Sensor HSFPAR Series</p>	<p>Hall Effect Vane Sensor 4AV19F</p>	<p>Heavy Duty Medica Isolated Pressure Transducer – MIPS</p>
			
			
<p>3D MEMS Technology Gyro Sensors</p>	<p>Human Vision Component Sensor – HVC-P2</p>	<p>Hall Effect Vane Sensor 4AV19F</p>	<p>Predictive Maintenance Condition Sensor – 820M1</p>
			
			
<p>Compression Load Cell FX29</p>	<p>Rotational Absolute Magnetic Encoder – RAMK060</p>	<p>EMC Filters</p>	<p>NTC Thermistors</p>
			

Electromechanical & Power

 <p>APEM an IDEC company</p>	 <p>APEM an IDEC company</p>	 <p>Honeywell</p>	 <p>IDEC</p>
<p>Piezo Panel Switches PBA Series</p>	<p>Safety Enabling Switches HE2-6/HE1G Series</p>	<p>Compact Limit Switches NGC, GLS, HDLS</p>	<p>Bluetooth E-STOP</p>
			
 <p>Littelfuse Expertise Applied Answers Delivered</p>	 <p>OMRON</p>	 <p>OMRON</p>	 <p>Panasonic</p>
<p>IXYS SSR's/MOSFET Relays</p>	<p>PCB Power Relays G7EB Series</p>	<p>SMT MOSFET Relays G3VM</p>	<p>PhotoMOS Relays AQ Series</p>
			
 <p>Panasonic</p>	 <p>Sensata Technologies • Crydom</p>	 <p>TE connectivity AUTHORIZED DISTRIBUTOR</p>	 <p>TE connectivity AUTHORIZED DISTRIBUTOR</p>
<p>Micro Size Safety Relay SFM</p>	<p>Din Rail and Panel Mount SSR NOVA22 Series</p>	<p>ALCOSWITCH PB IP68 Series</p>	<p>ALCOSWITCH AV Anti-Vandal Switches</p>
			
 <p>TE connectivity AUTHORIZED DISTRIBUTOR</p>	 <p>TE connectivity AUTHORIZED DISTRIBUTOR</p>	 <p>ARTESYN Advanced Energy</p>	 <p>ARTESYN Advanced Energy</p>
<p>Reflow Solder Relay RY Series</p>	<p>Safety/Force Guided Relays SR Series</p>	<p>AC/DC Conduction Cooling Power Supply LCC600</p>	<p>CNS650-M Series AC-DC Power Supplies</p>
			



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Contact TTI today to see what a true specialist can offer.

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