



TE SENSOR SOLUTIONS FOR INDUSTRIAL MACHINERY & PROCESSES

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TE Connectivity (TE) is one of the largest connectivity and sensor companies in the world, with the acquisition of Measurement Specialties. Our broad portfolio of sensor technologies is designed for a wide range of applications and serves a number of industries, including Industrial Machinery & Processes. We collaborate with engineers to help transform their concepts into creations—redefining what's possible using intelligent, efficient and high-performing TE products and solutions proven in harsh environments.

- FORCE SENSORS
- PRESSURE SENSORS
- PIEZO FILM SENSORS
- TEMPERATURE SENSORS
- POSITION SENSORS
- VIBRATION SENSORS



SENSOR PORTFOLIO

TE Sensor Solutions supports industrial machinery and processes by offering a broad range of pressure transducers, liquid level sensors, accelerometers, LVDT/RVDT's, inclinometers, string and linear/rotary potentiometers, load cells, temperature, torque sensors, and a full range of interface electronics.

QUALITY CERTIFICATES*

- AS 9000B
- ATEX
- EN 9100
- EN 13980
- ISO 14001
- ISO 9001
- NADCAP Welding & Brazing
- NASA Qualified

*Partial listing of Quality Certificates. For a full listing please visit www.meas-spec.com.

PRODUCT AND APPLICATION MATRIX	Force Sensors	Piezo Film Sensors	Position Sensors and Instrumentation	Pressure Sensors	Temperature Sensors	Vibration Sensors
Programmable Logic Controller			●			
Human Machine Interface	●	●	●		●	
I/O Module			●			
Servo Drive			●		●	
Servo Motor	●		●		●	
Control Cabinet		●	●	●	●	
Molding Machine	●		●	●	●	
Machine Tool	●		●	●	●	●
Robot Control	●	●	●		●	●
Robot Arm	●	●	●			●



INNOVATIVE SENSORS FOR A WIDE VARIETY OF APPLICATIONS

TE Sensor Solutions combines the strengths and experiences of several merged sensor companies to resolve challenging physical measurement problems. Our products have a proud lineage, originating from the pioneering ICSensors MEMS (micro electro-mechanical systems) technology and the Schaevitz inductive position sensors. TE designs and manufactures sensors to exacting specifications for the rigors of industrial applications. Our engineers provide full support of application-specific, standard and custom requirements, from product concept through manufacturing.

GUIDE TO SELECTED SENSOR	Force Sensors	Piezo Film Sensors	Position Sensors and Instrumentation	Pressure Sensors	Temperature Sensors	Vibration Sensors
Programmable Logic Controller			CTS-420; HCT; HC-485; PTS-420; GCT; GC-485; DLBB; RVIT-60; RVIT-120i; LDM-1000; IEM-422; PML-1000			
Human Machine Interface	FX1901; FS20	LDT0-028k (Piezo Touch Sensor)	ED-20 (Rotary Encoder); R120LC		TSEV0108L39 (Thermopile)	
I/O Module			MP-2000			
Servo Drive			DC-SE, MLPR30D, CTS-420; PTS-420; RVIT-60-120i		321 (Polyimide Surface RTD)	
Servo Motor	CD1050 Torque		CS15; KMA36		300F (Stator RTD)	
Control Cabinet		Metalized Sheet	LDM-1000; PSD 40-15	MS4515DO; MS4525DO	10K3435STM010 (NTC Probe)	
Molding Machine	ELAF		HCA; MTA; XS C (LVDT)	EB100	130M (Thermowell RTD Probe)	
Machine Tool	FN3030		LBB; APS; DLBB; GCA; GCD; GCT	U5200; U5300	10K3D536 (Coolant Monitor)	8021-01
Robot Control	XFTC300	1005801-1 (Piezo Cable-Safety)	CLWG; HR; R60D; DOG1; DOG2 (Tilt); MHR; XS-B; R120LC		TPT300V (Thermopile Module)	620-1500
Robot Arm	ELAF	LDT0-028k (Piezo Touch Sensor)	SP1; MHR LVDT; R60D; MHR; XS-B; R120LC			4000A

Note: The sensor technologies listed above are examples for reference purpose only.

Please visit us at www.meas-spec.com for product specifications, application notes, manuals and white papers.

www.te.com/sensorsolutions

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About TTI, Inc.

TTI, Inc., a Berkshire Hathaway company, is one of the world's leading specialist distributors of passive, connector, electromechanical, discrete, power and sensor components. TTI's philosophy is "Lead by Design", and the company differentiates itself by focusing on people, parts and process. TTI in Europe strives to be the distributor of choice for customers and suppliers alike by introducing new product technologies and by stocking broad and deep inventory across its franchise base. TTI's sophisticated inventory management system ensures the ability to service changes in demand due to fluctuating markets and supply chains. For more information about TTI, please visit www.tti-europe.com.



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