



TE Connectivity (TE) is one of the largest connectivity and sensor companies in the world. Our broad portfolio of sensor technologies is designed for a wide range of mission critical applications in Aerospace and Defense and other industries. By leveraging our core competencies in high reliability sensors for harsh environments such as Temperature, RFI, EMI, Vibration, and Lightning, we enable our customers to transform their concepts into creations — redefining what's possible using intelligent, efficient and high-performing TE products and solutions.







INNOVATIVE SENSOR SOLUTIONS



SENSOR TYPES

- FLOW
- FLUID PROPERTY
- FORCE/TORQUE
- HUMIDITY
- LIQUID LEVEL
- RATE/INERTIAL
- POSITION
- PRESSURE
- TEMPERATURE
- ULTRASONIC
- VIBRATION/SHOCK

QUALITY STATEMENTS

- AS/EN 9100
- ATEX
- ESA/ESCC QUALIFIED
- NADCAP
- ISO 14001
- ISO 9001
- MEASURING INSTRUMENTS DIRECTIVE 2004/22/EC ANNEX D
- NASA/GSFC QUALIFIED
- PART21G
- TS 16949

DESIGN/DEVELOPMENT

- DO-160
- DO-254
- MIL-STD-810
- GRESS

APPLICATION SOLUTIONS

Long development cycles and high qualification costs require aerospace companies to identify stable, reliable, costeffective partners. TE Connectivity has design engineering groups, as well as AS9100 certified sensor manufacturing facilities, in North America, Europe and Asia Pacific which support Tier 1, 2 and 3 providers with a wide variety of critical sensor solutions for aerospace and defense applications. Regional design and manufacturing allows TE to furnish ITAR free designs and supply products close to our customers' assembly facilities.

Cockpit Controls

- Automatic autopilot
 disconnect force sensors
- Motorized potentiometers for position feedback
- Brake pedal position sensors
- Rotary panel switches and sensors
- Force sensors for flight data recording of pilot inputs
- Throttle quadrant position sensors
- Flap and spoiler lever position sensors

Flight Controls & Actuation

- High lift load sensors
- THSA secondary load path engagement sensors
- Aileron LVDT position sensors
- Resolvers for flap and slat position monitoring
- Force and position sensors for spoiler electro-mechanical actuation
- Brake actuator force sensors for rotorcraft

Landing Gear & Brakes

- Brake torque sensors
- Pressure sensors for Nose Wheel steering feedback
- Resolvers for steering position
- Load on wheels force sensors
- Centre of gravity force sensors

Cabin, Galley & Cargo

- Cabin pressure indicator
- Waste tank level sensors
- Environmental cabin control pressure sensors
- Cargo humidity sensors
- Galley temperature sensors
- Air quality temperature sensors
- Oxygen generation pressure transducers

Launch & Space

- Payload monitoring vibration sensors
- Thrust vectoring LVDT position sensors
- Electrical actuator position resolvers
- Booster separation potentiometers
- Cryogenic fuel pressure transducers
- Satellite temperature sensors
- Mirror/antenna position
 LVDT sensors

Engine, Turbine & APU

- Thermocouple harnesses for exhaust gas temperature
- LVDT for thrust reverser position monitoring
- Platinum 200 air temperature sensors
- Variable bleed valve LVDT position sensors
- Rotor track and Balance
 accelerometers
- Health and Usage Monitoring Systems(HUMS) accelerometers
- Thermistor heater fuel tank level and flow

Military (Missile, Ground Vehicle, Marine, UAV...)

- Missile fin actuation
- Fuel tank level & flow sensors
- Gun stabilization and shock measurement
- Tamper detection for missiles
- Electronic safe arm and fire
- Oil pressure and temperature sensors
- Airspeed and altitude sensors



Pressure Sensors

Board Mounted mV Output



Media Isolated Modules Analog Output



89 Button, 89 with Fittings

O-ring mount and threaded / weldable or process fitting

Sealed gage, absolute

0 - 69, 207, 345 bar / 0 - 1K, 3K, 5K psi

100 mV typical

• High pressure, modular design

±0.25% FSO Non-linearity

-40°C to 125°C

89 Button: Ø 9.0 x 7.5 89 with Fittings: Ø 22.2 x 23.6

Air tank pressure, hydraulics, process control, oxygen generation, inerting systems

Transducers and Transmitters



P900

Package	Threaded ports with stainless steel housing and various heavy duty electrical connections, various electrical outputs
Туре	Gage, absolute
Pressure Range	0 - 5 bar to 0 - 689 bar / 0 - 75 psi to 0 - 10K psi
Output/Span	0 - 5 Vdc, 0 - 10 Vdc, 4 - 20 mA
Unique Features	 High overpressure (10X over pressure) Shock & vibration resistant Heavy Industrial grade transducer Advanced digital compensation / calibration Mechanical over pressure stops High temperature operation
Accuracy	0.1% to 0.2% FSO
Operating Temp	-54°C to 120°C
Dimensions (mm)	Application dependent
Typical Apps	Hydraulic controls / steering, torpedo depth, vehicle braking systems, drones, weapon systems
Agency Approvals	CE, CENELEC (Intrinsically Safe)



M7100, U7100

Automotive grade, stainless steel hermetic pressure ports and integral electrical connector, heavy duty

Gage, no vent gage (M7100) Gage, sealed gage, absolute (U7100)

0 - 10 thru 0 - 689 bar / 0 - 150 thru 0 - 10K psi (M7100) 0 - 1 thru 0 - 10 bar / 0 - 15 thru 0 - 150 psi (U7100)

0.5 - 4.5 Vdc [Ratiometric Output]; 1 - 5 Vdc [Regulated] (M7100) 0.5 - 4.5 Vdc [Ratiometric Output] (U7100)

- 1% total error band (-20°C to 85°C)
- Solid state reliability
- Survives high vibration and immersion
- Microfused technology (M7100)
- UltraStable technology (U7100)

0.25% ESO

-40°C to 125°C

26.7 x 26.7 x 50.0

Military vehicles engine control, compressors, hydraulic

CE (EMC), UL 508

Pressure Sensors

Miniature Transducers and Transmitters

	18 28 M		
	XP Series	XPC10	EPIH
Unique Features	 Titanium construction (XP5, XPM4) Stainless steel housing (XPM6, XPM10) Amplified output options (XP5, XPM6, XPM10) Cable and connector options (XPM4) For static and dynamic applications 	 Amplified output available For static and dynamic applications Optional IP67 ingress protection High temperature operation 	 Diffused silicon diaphragm with a large variety of sizes and shapes available as small as 0.05" outside diameter High frequency response(to 1.7 MHz)
Non Linearity	Up to ±0.25% FSO (XP5, XPM6, XPM10) Up to ±0.35% FSO (XPM4)	Up to ±0.25% F.S.	±1.0% FSO
Output/Span	20, 30, 75, 100mV (XP5) 30mV, 60mV, 100mV (XPM4) 100mV (XPM6) 50, 100mV (XPM10)	12mV FSO, 4V FSO (amplified)	12 mV to 75 mV
Pressure Range	1 - 345 bar / 15 - 5K psi (XP5, XPM10) 5 - 207 bar / 75 - 3K psi (XPM4) 103 - 1K bar / 1.5K - 15K psi (XPM6)	0 - 10, 21, 34, 52, 69, 103, 207, 345, 517 bar / 0 - 150, 300, 500, 750, 1K, 1.5K, 3K, 5K, 7.5K psi	0 - 0.35, 0.69, 1, 2, 3, 5, 7, 14, 21 bar / 0 - 5, 10, 15, 25, 50, 75, 100, 200, 300 psi
Overpressure	2X	1.5X	2X to 5X
Operating Temp	-40°C to 120°C	-40°C to 220°C	-40°C to 120°C
Dimensions (mm)	XP5: Hex 10 XPM4: Hex 8 XPM6: Hex 12 XPM10: Hex 15	Hex 15	Application dependent
Typical Apps	Military and aerospace, explosive test benches, space	Aerospace, test benches, high frequency / high temperature pressure applications	Aerospace testing, wind tunnels, aircraft body and wing dynamics

Force / Torque Sensors

	FN HL Series
Package	Flange mount
Operating Mode	Tension/Compression
Unique Features	• Extremely robust design • Very high EMC/RFI immunity
Ranges N (Lbf)	Airframe dependent
Output	4/20 mA
Temperature Range	-70°C to +90°C
Dimensions	Airframe dependent
Typical Apps	Measurement of force between geared rotary actuator and slat on high lift systems



FN TH Series

Load pin

Tension

Built in test featureDual redundant

• Very high ultimate load Airframe dependent

0.5 to 5.5Vdc or 4/20mA

-70°C to +90°C

Airframe dependent

Detection of secondary load path engagement on trimmable horizontal stabilizer actuator



FN PC Series

Tail stock/control rod

Tension/Compression

• Compact

Extremely high performance designMono or dual channel

Airframe dependent

0.5 to 10.5Vdc

-55°C to +55°C

Airframe dependent

Monitoring of pilot input forces for flight data recording

Force / Torque Sensors

	O
	FN EM Series
Package	Pancake
Operating Mode	Compression
Unique Features	 Ultra-flat for integration directly into electro-mechanical actuators
Ranges N (Lbf)	Airframe dependent
Output	0.5 to 10.5Vdc
Temperature Range	-55°C to 55°C
Dimensions	Airframe dependent
Typical Apps	Compression force measurement electro-mechanical actuators



VR BT Series

Pin Torque • High temperature variable reluctance technology Airframe dependent 50mV rms (AC) -40°C to 150°C

Airframe dependent Monitoring of force brakes



FN AF Series

Load pin Compression

• Built in test feature, dual redundant • Very high ultimate load

Airframe dependent

0.5 to 5.5Vdc or 4/20mA

-70°C to 90°C

Airframe dependent

Monitoring of force between the electrical actuator and the ailerons

Temperature Sensors

Sensing Elements

	Platinum Thin Film Chips	Platinum Thin Film Sensors	Glass Wire Wound Sensors
RTD Package	Leadless chips	Wired component	GO, GX
Туре	 Thin film platinum deposited on ceramic substrate Contact pads on top and bottom side for NTC chip like assembly Contact pads on both ends for SMT 	 Thin film platinum deposited on ceramic substrate, glass coated Tube outline available Connection via radial leads 	• RTD • Glass rod • Radial leads
Resistance Range	100 Ω , 1000 Ω (Other values on request)	100 Ω , 1000 Ω (Other values on request)	100Ω (2x100 Ω on few versions)
Unique Features	 Long term stability Interchangeability Assembly like NTC chips Very small dimensions Short response time 	 Long term stability Interchangeability Small dimensions Short response time High electrical insulation 	 Aggressive environments (acid, oil, solvent) Small dimensions Stability No hysteresis Short response time Interchangeability
Accuracy	According to DIN EN 60751	Class T (F0.1), A (F0.15), B (F0.3) according to DIN EN 60751	Class W0.3, W0.15, W0.1 according to IEC60751
Operating Temp	-50°C to +400°C	-50°C to 600°C (standard) down to -200 °C or up to 1000 °C (on request)	-200°C to 400°C
Dimensions (mm)	1.5 x 1.5 (top / bottom pads) 1.2 x 3.6 (SMT)	2.0 x 2.3 x 1.1 (standard) 1.2 x 4.0 x 1.1 (standard) other dimensions (on request)	Ø 1.8 / Length 5mm to Ø 4.5 / Length 48mm
Typical Apps	Aerospace, test and measurement	Aerospace, test and measurement	Aviation and aeronautics

Temperature Sensors

Sensing Elements

	Space Qualified (Hi-Rel)	Nickel RTD	Radial Leaded Thermistors	Axial Thermistors
Package	Radial, bead, custom	• SOT 23, bare die on request	Radial, axial, beads	DO-35
Туре	• Epoxy • Glass • Probes • ESCC 4006013 • ESCC 4006014 • GSFC 319-P18 • 449900 Series	 Thin film nickel structure on silicon substrate, protected with a passivation layer SOT23 Package for SMT Good thermal connection of sensing element through leadframe-pin Bare die for COB assembly 	• NTC • Epoxy or glass coated	• NTC • Glass coated
Resistance Range	1kΩ to 100kΩ	1000Ω	100 to 1MΩ	5kΩ to 100kΩ
Unique Features	• ESA and NASA approved • High reliability and accuracy	 Harsh environment compatible Automotive qualified Very small dimensions Very short response time Good linearity High temperature coefficient Low power consumption 	 Interchangeable Moisture resistant Stability 	Tight tolerance (±1%) Max stability using high density (HD) chip Hermetically sealed Tinned & Nickel plated leads
Accuracy	0.5% to 10%	Class B, according to former DIN 43760 standard	0.25% to 20%	±1% to ±3%
Operating Temp	-55°C to 115°C	-55 °C to 160 °C	-55°C to 280°C	-40°C to 300°C
Dimensions (mm)	From 2.4	2.1 x 2.5 x 2.1 (SOT23), 0.7 x .7 x 0.4 (bare die)	0.4 to 4.9	2.0 x 4.0 body
Typical Apps	Instrumentation and compensation	Thermal compensation, thermal management	Temperature sensing for OEM	Fire detection units, PCB temp sensing

Sensor Assemblies



	Thermocouple Probes and Harnesses
Package	Screw-in or push-in design with cable extension, connector, or connecting head
Туре	 Collapsible Mineral Insulated (MI) with alloy sheath (radius≥5*OD) Flexible cable with plastic or composite insulation Rigid protection sheath: ceramic, quartz or alloy sheath
Sensor Range	Type T, J, K, N, R, S, B (According to TC type and insulation type)
Unique Features	 High temperature and high vibration level (for MI) Available in small diameters for fast respond time Grounded or ungrounded or apparent hot junction Single or multiple measuring points
Accuracy	Class 1 according to IEC584
Operating Temp	-40°C to 1700°C (according to TC type and insulation type)
Dimensions (mm)	 OD Ø0.3 mm to Ø8 mm for MI Ø0.15mm for smallest flexible cable Custom dimensions, fittings and cable lengths (from few centimeters to many meters)
Typical Apps	Engine temperature



Surface Sensors Silicone rubber or polyimide laminated element, SP683 Flat, flexible, rectangular sensor Variety of designs available RTD: Pt, Ni, Cu Thermocouple: Type J, K, T, E Surface sensing for curved or uneven surfaces Noninvasive, simple installation Adhesive backing option RTD: Class A, B according to IEC60751 Varies: -50°C to 200°C Available up to 220°C Custom dimensions available

Aerospace, motor end windings of stator coils, generators

Position Sensors

Angular Position Sensors, Encoders Absolute

	ST CON	3
	Resolver	Resolver
Package	Hollow Shaft, Size 15	Hollow Shaft, S
Range	360 degrees absolute	360 degrees at
Output	Analog (sin, cos)	Analog (sin, co:
Input Voltage (VR1-R2), Typical	2V rms - 10Vrms	2V rms - 12V rn
Input Frequency, Typical	4kHz - 20kHz	2kHz - 15kHz
Operating Temperature	-55°C to 150°C	-55°C to 150°C
Angular Error Rang, Typical	±7 arcmin to ± 20 arcmin	±7 arcmin to ±
Pairs of Pole	1/3	1/2/3/4
Maximum Rational Speed	20,000 rpm	20,000 rpm
Weight	Approx. 90g	Approx. 240g
Unique Feature	Robust, wear-free, EMI insensitive	Robust, wear-fr
Typical Apps	Angular position of rotary actuators, rotating shafts	Angular position



Size 21 absolute os) ms

20 arcmin

free, EMI insensitive

ion of e-motors (commutation) nt magnet generators



Resolver

Input Shaft, Integrated Bearing, Size 11 360 degrees absolute Analog (sin, cos) 2V rms

2.5kHz

-55°C to 150°C

±10 arcmin

1

10,000 rpm

Approx. 120g

Robust, wear-free, EMI insensitive

Measuring angular position of cockpit controls (lever, stick and pedal)



Package Input Shaft, Integrated Bearing, Size 11 Range 360 degrees absolute Output Analog (3 phase) Input Voltage 21V rms - 26V rms (VR1-R2), Typical 400Hz - 2500Hz Input Frequency, Typical -55°C to 150°C Operating Temperature Angular Error ±5 arcmin to ±10 arcmin Rang, Typical Pairs of Pole 1 Maximum 10,000 rpm Rational Speed Weight Approx. 150g **Unique Feature**

Typical Apps

Robust, wear-free, EMI insensitive Angular position of cockpit controls (lever, stick and pedal)



Multiturn Position Sensor Unit

Input Shaft, Integrated Bearing, Customized [1] Multiturm (50.400 to 129.600) degree 2 x Analog (3 phase), Redundant 21V rms - 26V rms 400Hz - 2500Hz -55°C to 90°C ±80 arcmin (400Hz) / ±25 arcmin (2.500Hz) 1

600 rpm

Approx. 935g [1] Robust, DO160 qualified

Multiturn position of primary and secondary flight control actuators

Position Sensors

Potentiometers Angular Position Sensors

		- M		
	6000 Series Servo Mount	6200 Series Bushing Mount	6900 Series Element/Wiper/Insul	6100 Series Hollow Shaft
Package	 12.7 mm - 50.8 mm / .500 in -2.00 in housing diameter 3.170mm - 6.34mm / .1248 in2498 in shaft diameter 12.7mm - 1.74mm / .500 in 680 in housing length 11.11mm - 47.62mm / .438 in - 1.875 in mounting pilot diameter 	 12.7 mm - 50.8 mm / .500 in -2.00 in housing diameter 3.170mm - 6.34mm / .1248 in2498 in shaft diameter 12.7mm - 1.74mm / .500 in 680 in housing length 3/8 32 NEF thread / 10.31mm /.4062 in pilot diameter 	 17.81 mm - 45.85mm / .702 in -1.805 in element outside diameter 4.724 mm - 11.05mm / .186 in435 in element inside diameter 3.175 mm -6.35 mm / .125 in250 shaft insulator inside diameter 4.064 mm - 7.80mm / .160 in307 in mating wiper inside diameter 5.08 mm / .200 in assembled package height 	 27.94 mm - 66.5 mm / 1.100 in - 2.62 in housing diameter 3.175 mm - 19 mm / .125 in752 in hollow shaft diameter
Resistance	1К - 20К	1К - 20К	1К / 5К/ 10К	1K - 20 K
Range	Up to 355 degrees	Up to 355 degrees	Up to 350 degrees	Up to 355 degrees
Linearity	± 0.5%	± 0.5%	± 0.5%	± 0.5%
Output Smoothness	<0.1%	<0.1%	< 0.1%	< 0.1%
Resolution	Infinite	Infinite	Infinite	Infinite
Operating Temp	-65°C to 125°C	-65°C to 125°C	-65°C to 125°C	-65°C to 125°C
Rotational Life	50 million cycles min.	50 million cycles min.	50 million cycles min.	50 million cycles min.
Typical Apps	Flight control actuators, missile fin actuators	Rocket engine fuel valves, brake pedals	Cargo handling systems, cockpit controls	Targeting pod gimbals, missile thrust diverters

Linear Position Transducers Cable Extension Transducers

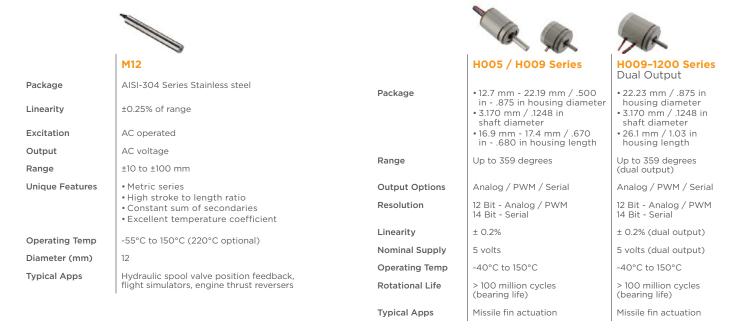
				
	M150, MTA	MT2, MT3		5903 / 5905 Series Linear Motion
Range	0 - 1.5 to 0 - 5 inches	0 - 3 to 0 - 30 inches	Package	• 7.94 mm - 12.7 mm / .312 in -
Output	Voltage divider	Voltage divider, incremental encoder	. conago	.500 in housing diameter • 1.98 mm - 3.18 mm / .078 in 125 in shaft diameter
Environment/	IP50	IP50, IP67 (MT3A)		
IP Rating			Resistance	1K / 5K / 10K
Enclosure	Aluminum	Aluminum and polycarbonate	Range	5903 series - up to 50.8 mm / 2 in stroke 5905 series - up to 101.6 mm / 4 in stroke
Accuracy	±0.4% to ±1%	±0.25% to ±1.1%	Linearity	±1%
Unique Features	• M150, one of the world's	• Designed for test	Linearity	1/0
	smallest stringpot	applications	Output	<0.1%
	 Designed for space-critical and testing applications 	Dual-axis measuring cable alignment	Smoothness	
	and testing applications	 Tracks high-acceleration 	Resolution	Infinite
		linear position up to 136g's • High-frequency response	Operating Temp.	-65°C to 125°C
		• GAM EG 13 certification	Rotational Life	50 million cycles min
Operating Temp	-40°C to 85°C (M150) -55°C to 100°C (MTA)	-55°C to 125°C	Typical Apps	Flight control actuators, targeting pod gimbals, nose wheel position
Dimensions (mm)	19 x 19 x 10 (M150)	55 x 45 x 55		-
Typical Apps	Aerospace	Aerospace and flight testing		

Potentiometers, Linear Position Sensors

Position Sensors

Linear Position Transducers, Inductive Absolute

Angular Position Sensors, Hall Effect Absolute



Vibration Sensors

DC Accelerometers

	3038	EG
Package	SMD	Stai
Туре	MEMS, Board level	Plug Adh
F.S. Range (g)	±50, 100, 200, 500, 2000, 6000	±5 t
Unique Features	• Hermetically sealed • High over-range protection • Gas damping	• Su • Lig • 10,
Accuracy	±0.5% Non-linearity	±1.0
Excitation Voltage	-	-
Operating Temp	-54°C to 125°C	-40°
Dimensions (mm)	7.62 x 7.62 x 3.3	7.2 ×
Typical Apps	Vibration / shock monitoring, embedded systems, shock testing, safe and arm	Fligh cras



EGAXT

Stainless steel Plug and Play, Unamplified, Adhesive / Screw mount

±5 through 2500

Sub-miniatureLightweight10,000 g over-range protection

±1.0% Non-linearity

-40°C to 120°C

7.2 x 4.6 x 4.6

Flight test and control, launch, crash, impact testing, robotics



4602/4604HT

Anodized aluminum

Plug and Play, Amplified, Screw mount

±2, 10, 30, 50, 100, 200, 500

- Exceptional temp compensation
- HT version to 170°C
- High over-rangeHermetically sealed

±1.0% Non-linearity

8 - 36 Vdc / 8 - 18 Vdc (HT)

-54°C to 170°C (HT)

21.08 x 21.59 x 7.62

Flight testing on engines, flutter test, weapons development

Vibration Sensors

DC Accelerometers Plug and Play

Package

Accuracy

F.S. Range (g)

Unique Features

Excitation Voltage

Operating Temp

Dimensions (mm)

Typical Apps

Type

3420XA
Anodized aluminum
±1 to 500
Triaxial
 Analog output

Precision aligned

• Performance over

temperature ±0.2% Non-linearity

8.5 to 36 VDC

-40°C to 85°C

24 x 24 x 28.30

Safety system, military research and development

3520XA

Anodized aluminum ±1 to 500 1, 2, or 3

• Digital output

 Direct to PC • User configurable settings

±0.2% Non-linearity

8.5 to 36 VDC

-40°C to 85°C

52 x 36.50 x 17.50

Impact detection stores separation

-
h hole mount

Piezoelectric Accelerometers

Plug and Play

Package

Type

Sensitivity (mV/g)	100, 10
Unique Features	 Annular shear mode Integral strain relief Case isolated, internally shielded 3-pin connector +150°C option
Operating Temp	-55°C to 130°C
Dimensions (mm)	13.34 x 19.05
Typical Apps	HUMS applications, rotor track and balance

Piezo Film Sensors

	Piezo Cable
Package	Shielded coaxial 20 gage piezo cable
Туре	Polymer jacketing; armored jacketing
Range	µPa sensitivity
Unique Features	• Continuous lengths to 1km • Shielded construction
Accuracy	±20% (typical)
Operating Temp	-40°C to 85°C (up to 100°C available)
Dimensions (mm)	3 mm diameter; continuous lengths
Typical Apps	Geophone, impact sensors, intrusion detection

				1
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1.5	•	-	•	- 11

Tamper Box
Flat film or box mounted
Tamper detection sensor
Application dependent
 Low power Custom shapes and sizes High security
Application dependent
-40°C to 85°C
Application dependent
Encryption modules, POS card readers, PIN entry devices, tamper

Ultrasonic Sensors

Type

Input

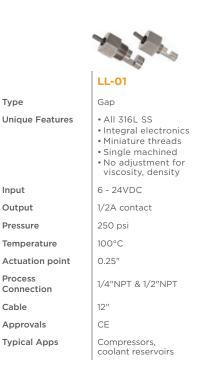
Output

Pressure

Process

Cable

Standard Contact Point Level





LL-10

- Тір
- All 316L SS
- Integral electronics • No adjustment for viscosity, density
- 9 24VDC
- 1A SPDT
- 1000 psi
- 100°C
- 2.25" standard
- 3/4"NPT
- 12'
- CE

Hydraulic reservoirs, dark water

PRODUCT AND APPLICATION MATRIX	Flow	Fluid Property	Force/Torque	Humidity	Liquid Level	Rate/Inertial	Position	Pressure	Temperature	Ultrasonic	Vibration/Shock
Cockpit Controls			•				•				
Flight Controls and Actuation			•				•				
Landing Gear & Brakes			•				•	•			
Cabin, Galley & Cargo				•	•		•	•	•	•	
Launch & Space			•				•	•	•		•
Engine, Turbine & APU	•				•		•	•	•		
Military (Missile, Ground Vehicle, Marine, UAV)	•	•			•	•	•	•	•	•	•

www.te.com/aerospacedefense-sensorsolutions

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