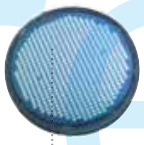
Solutions by Sensor type: Pressure

Pressu

Measurement Specialties leads the industry with a wide array of standard and custom products ranging from board level components to fully amplified and packaged transducers, based on piezoresistive microelectromechanical (MEMS) and silicon strain gauge (Microfused™) technology. Our products measure pressure ranging from inches of water (<5 mbar) to 30,000 psi (>2 kbar), making us ideally suited for medical, HVAC, off-road/heavy equipment and general industrial applications. Our sensors are signal conditioned and calibrated over temperature, and include digital or analog outputs. Our customized packaging and electronics make MEAS the supplier of choice for OEMs.

MEMS Silicon Pressure Chips (die)

For OEM Applications



	1100	7399	MS7720-01-A, MS7801A, MS761A, MS767A, MS7901A, MS7912A, MS7212A	MS7305D, MS7310D, MS7801D, MS7901D, MS761D, MS7912D
Unique Features	Piezoresistive pressure chip for mid pressure ranges, open bridge (two independent half bridges) 3.0 x 4.0mm.	Piezoresistive pressure chip for high pressure ranges, open bridge (two independent half bridges), 3.2 x 3.2mm	Piezoresistive pressure die, several versions including: very small sizes (down to 0.8 x 0.8mm), low cost, high linearity 0.05% FSO, high sensitivity up to 392mV FSO, high over pressure up to 30 bar (450psi) and harsh environment	Piezoresistive pressure die, sizes (down to 2x1.86mm), several versions including: low pressure, high linearity 0.05% FSO, high sensitivity up to 240mV FSO, high over pressure up to 30 bar (450psi).
Linearity	±0.1% FSO	±0.25% FSO	±0.05% FSO (MS7720-01A ,MS7801A, MS7901, MS7912A, MS7212A) ±0.15% FSO (MS761A, MS767A)	±0.05% FSO (MS7901, MS7801D, MS7912D) ±0.15% FSO (MS761D) ±0.3% FSO (MS7305D) ±0.35% FSO (MS7310D)
Output / Span	80mV @ full scale pressure	125 mV @1.5mA and full scale pressure	150 mV FSO (MS7720-01-A, MS7801A, MS7901A, MS7912A, MS7212A) 240 mV FSO (MS761A) 392 mV FSO (MS767A)	110 mV FSO (MS7305D, MS7310D) 150 mV FSO (MS7801D, MS7901D, MS7912D) 240 mV FSO (MS761D)
Type	Gage, Absolute	Absolute	Absolute	Differential
Pressure	0-2, 5, 10, 15, 30, 50, 100, 250, 500psi (0.1, 0.3, 0.7, 1, 2, 3, 7, 17, 35bar)	0-500, 1000psi (35, 70bar)	0 to 1 bar (MS7720-01-A, MS7801A, MS7901A, MS761A) 0 to 7 bar (MS767A) 0 to 12 bar (MS7912A, MS7212A)	0 to 0.05 bar (MS7305D) 0 to 0.1 bar (MS7310D) 0 to 1 bar (MS7801D, MS7901D, MS761D) 0 to 12 bar (MS7912D)
Overpressure	5X	5X	5 bar (MS7720-01-A, MS7801A, MS7901A, MS761A) 21 bar (MS767A) 30 bar (MS7912A, MS7212A)	5 bar (MS7801D, MS7901D, MS761D) 6 bar (MS7305D, MS7310D) 30 bar (MS7912D)
Operating Temp	-40° to 125°C	-40° to 85°C	-40° to 125°C	-40° to 125°C
Typical Applications	Can be packaged in an isolated oil filled transmitter for harsh media or packaged as a board level device for non-corrosive gases.	Can be packaged in an isolated oil filled transmitter for harsh media.	Harsh environments, absolute pressure sensor systems, braking systems, tire pressure, engine control, diving computers, electronic scales	Washing machines, leak detection, level indicators, industrial control
Legacy Brand	MEAS	MEAS	Intersema	Intersema

Surface Mount Pressure Sensors

Miniature Board Level with mV Output

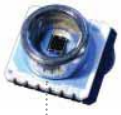
All use piezoresistive silicon die technology and are suitable for use with non-corrosive gases.

	1451 and 1471	MS5201, MS5201D, MS5212	MS5401, MS5407, MS5412
Package	Surface Mount	Surface Mount	Surface Mount
Type	Gage, Absolute	Gage, Absolute	Absolute
Pressure Range	0-5, 15, 30, 50, 100, 250*, 500* psi (consult factory for units in bar)	0-1, 12 bar (consult factory for units in psi)	0-1, 7, 12 bar (consult factory for units in psi)
Output / Span	60mV typical	150mV, 240mV	150mV, 240mV
Unique Feature	- Low cost - Coarse calibrated at room temp (1471) - Can gel fill for humid conditions - Tube or hole	- Low cost - Low drift - High linearity or high sensitivity options - Plastic tube or metal ring options - Can gel fill for humid conditions	- **Small Size 6.2 x 6.4mm** - Low cost - Low drift - High linearity or high sensitivity options - Metal ring - Can gel fill for humid conditions
Accuracy	±0.25% Non-linearity	±0.05% or ±0.2% Non-linearity	±0.05% or ±0.2% Non-linearity
Operating Temp	-40° to 125°C	-40° to 125°C	-40° to 125°C
Typical Apps	Altitude measurement, barometric pressure, medical instrumentation, consumer appliances, tire pressure	Absolute pressure sensor systems, engine controls, high resolution altimeters, variometers, water proof watches, divers' computers, barometers, tire pressure monitoring systems (TPMS), medical instrumentation, pneumatic controls	Absolute pressure sensor systems, engine controls, high resolution altimeters, variometers, water proof watches, divers' computers, barometers, tire pressure monitoring systems (TPMS)
Legacy Brand	MEAS	Intersema	Intersema

*High pressure ranges for absolute sensing only. Entire sensor must be in pressure chamber.

Surface Mount Pressure Sensors

Miniature Board Level with Digital Output



	MS5534, MS5535	MS5540, MS5541	MS5536-PJU, MS5536-NJU
Unique Features	15 bit-digital sensor, very low noise (±0.1 mbar), software calibration and temperature compensation, Pressure and temperature measurement (35 ms / meas.) Low power, low voltage (2.2 to 3.6V / <4/0.1µA) No external components required, Extended temperature range SMD ceramic carrier 9 x 9 mm	16 bit-digital sensor, very low noise (±0.1 mbar), software calibration and temperature compensation, Pressure and temperature measurement (35 ms / meas.) Low power, low voltage (2.2 to 3.6V / <4/0.1µA) No external components required, Small SMD ceramic carrier 6.2x6.4 mm Gel provides water protection.	15 bit-differential digital sensor, software calibration and temperature compensation, Pressure and temperature measurement (35 ms / meas.) Low power, low voltage (2.2 to 3.6V / 5µA) No external components required, Small SMD ceramic carrier 13.3x10.1 mm
Absolute Pressure Accuracy	±1.5 mbar @ 25°C (consult factory for units in psi) 750 to 1100 mbar (MS5534) -25 to +20mbar @ 0° to +40°C 0 to 5 bar (MS5535)	±1.5 mbar @ 25°C (consult factory for units in psi) 750 to 1100 mbar (MS5534) -25 to +20mbar @ 0° to +40°C 0 to 5 bar (MS5535)	±2.5 mbar @ 10° to 40°C (consult factory for units in psi) -100 to +700 mbar (5536PJU) ±2.5 mbar @ 10° to 40°C (0.04psi) -700 to +100 mbar (5536NJU)
Resolution	0.1 mbar (MS5534) 1.2 mbar (MS5535)	0.1 mbar (MS5534) 1.2 mbar (MS5535)	0.1 mbar
Output / Span	Digital 16 bit data word, 3-wire SPI like serial interface	Digital 16 bit data word, 3-wire SPI like serial interface	Digital 16 bit data word, 3-wire SPI like serial interface
Pressure	10 to 1100 mbar (MS 5534, barometric range) 0 to 14 bar (MS 5535, diving range)	10 to 1100 mbar (MS 5540, barometric range) 0 to 14 bar (MS 5541, diving range)	-400 to 1000 mbar (-5.8 to 14.5psi) (MS5536-PJU) -1000 to 400 mbar (-14.5 to 5.8psi) (MS5536-NJU)
Overpressure	10 bar (MS5534) 30 bar (MS5535)	10 bar (MS5540) 30 bar (MS5541)	±5 bar
Operating Temp Range	-40° to 125°C	-40° to 85°C	-40° to +60°C
Typical Applications	Mobile altimeter, barometer systems, weather monitoring systems, adventure or multi-mode watches, GPS receivers, diving computers and divers' watches, mobile water depth measurement systems	Mobile altimeter, barometer systems, weather monitoring systems, adventure or multi-mode watches, GPS receivers, diving computers and divers' watches, mobile water depth measurement systems	Medical application, blood pressure meter, HVAC application
Legacy Brand	Intersema	Intersema	Intersema

TO Package

Board Level with mV Output

All use piezoresistive silicon die technology and are suitable for non-corrosive gases.

	13,23,33,43,17,27,37,47	50
Package	TO-8	TO-5
Type	Gage, Absolute, Differential	Absolute
Pressure Range	0-1, 2, 5, 10, 15, 30, 50, 100, 250psi (consult factory for units in bar)	0-5, 15, 30, 50, 100, 250*, 500*psi (consult factory for units in bar)
Output / Span	100mV typical	60mV typical
Unique Feature	- Temperature compensated - High performance UltraStable die (17, 27, 37, 47) - Can gel fill for humid conditions	- Low cost - Solid state reliability - Good for through hole - Can gel fill for humid conditions
Accuracy	±0.1% Non-linearity	±0.25% Non-linearity
Operating Temp	-40° to 125°C	-40° to 125°C
Typical Apps	Medical instruments, air flow measurement, HVAC, process control, factory automation, leak detection	Tire pressure sensor, consumer appliances, medical instruments, barometric pressure, altitude measurement
Legacy Brand	MEAS	MEAS

*Entire sensor must be in the pressure chamber.

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Dual In-Line Package

Board Level with mV Output

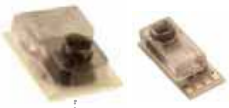
All use piezoresistive silicon die technology, are temperature compensated, and are suitable for use with non-corrosive gases.

	1210, 1220, 1230, 1240	4415, 4416, 4425, 4426
Package	8 pin 0.600 DIP	6 pin 0.600 DIP
Type	Gage, Absolute, Differential	Gage, Absolute, Differential
Pressure Range	0-5 & 10" H_2O 0-1, 2, 5, 15, 30, 50, 100 psi (consult factory for units in mbar & bar)	0-5, 10" H_2O 0-5, 15, 30, 50, 100 psi (consult factory for units in mbar & bar)
Output / Span	50mV & 100mV typical	60mV, 90mV, & 100mV typical
Unique Feature	- Temperature compensated - High performance UltraStable die (1230, 1240) - Current excitation(1210, 1230) - Voltage excitation(1220, 1240)	- Temperature compensated - High performance UltraStable die (4425, 4426) - Low pressure (4415, 4416) - **Voltage excitation**
Accuracy	±0.1% Non-linearity	±0.1% Non-linearity
Operating Temp	-40° to 125°C	-25° to 85°C
Typical Apps	Medical instruments, air flow measurement, HVAC, process control, factory automation, leak detection	Drop-in for 6 pin industrial sensor for PCB mounted medical, HVAC
Legacy Brand	MEAS	MEAS

Specialty Pressure Products

mV and Amplified Outputs

All use piezoresistive silicon technology.



	1620 and 1630	Fully assembled 1620	Ares	M100 and M120
Package	Invasive blood pressure monitoring	Invasive blood pressure monitoring	Board mountable	Small housing with O-ring and proprietary "Snap in" feature that lowers the total installed cost and customized housings for OEM applications
Type	Gage	Gage	Differential	Gage
Pressure Range	-30 to 300 mmHg	-30 to 300 mmHg	0-5, 10, 15" H2O & 1psi (consult factory for units in mbar)	50psi to 500psi (consult factory for units in bar)
Output / Span	5 uV/V/mmHg	5 uV/V/mmHg	0.5-4.5Vdc	100mV typical
Unique Feature	- Low cost, disposable design - Supplied in tape and reel - Compliant to AAMI spec	- Low cost, disposable design - **Compliant to AAMI spec** - **ISO13485 Certified** - Custom designs available	Low cost pressure transducer with ASIC for amplified output	- Microfuse™ Technology - Low cost stainless steel isolated transducer - No threads needed for pressure connect - Highly customized for OEM application - Small size - Solid state reliability
Accuracy	1.0% FSO	1.0% FSO	0.25% to 0.75% FSO	0.5% FSO
Operating Temp	10° to 40°C	10° to 40°C	-25° to 80°C	0° to 55°C
Typical Apps	Disposable blood pressure, surgical procedures, ICU, kidney dialysis machines, medical instrumentation	Disposable blood pressure, kidney dialysis machines, surgical procedures and intensive care units. Ready to use, fully assembled disposable sensor units with cable, connector, stop cock, flush device in a plastic housing.	HVAC air-duct flow, medical equipment, environmental controls, portable monitors, volume OEM applications	Beverage dispensing systems, automation, HVAC controls, energy and water management, pumps, compressors, pneumatic equipment
Legacy Brand	MEAS	MEAS	MEAS	MEAS

Stainless Steel Media-Isolated Pressure Sensors

O-Ring Mount

All use MEAS's UltraStable piezoresistive silicon die technology in a stainless steel package with oil-filled diaphragm and are suitable for use with liquids and gases. For other material like Hastelloy, Titanium etc. Please contact factory.

	82 or 154N UltraStable	86 UltraStable	86A Amplified	DP86	85 Flush Mount
Package	3/4" (19 mm) diameter o-ring mount	5/8" (16 mm) diameter o-ring mount	5/8" (16 mm) diameter o-ring mount	5/8" (16 mm) diameter o-ring mount wet/wet	1/2" (13 mm) diameter o-ring flush mount
Type	Gage, Absolute	Gage, Absolute	Gage	Differential	Gage, Absolute
Pressure Range	0-1, 5, 15, 30, 50, 100, 300, 500psi (consult factory for units in mbar & bar)	0-5, 15, 30, 50, 100, 300, 500psi (consult factory for units in mbar & bar)	0-1, 2, 5, 15, 30, 50, 100, 150psi (consult factory for units in mbar & bar)	0-1, 5, 15, 30, 50, 100, 300, 500psi (consult factory for units in mbar & bar)	0-15, 30, 50, 100, 300, 500psi (consult factory for units in mbar & bar)
Output / Span	100mV typical	100mV typical	0.5-4.5Vdc	100mV typical	100mV typical
Unique Feature	- High performance, high stability for OEM applications - Pressure as low as 1psi	- High performance, high stability for OEM applications - Small diameter	- Small diameter, amplified output - Bar ranges available	**Wet/Wet differential pressure**	Minimizes trapped volume
Accuracy	±0.1% Non-linearity	±0.1% Non-linearity	±0.25% FSO	±0.1% Non-linearity	±0.1% Non-linearity
Operating Temp	-40° to 125°C	-40° to 125°C	-20° to 85°C	-20° to 125°C	-20° to 125°C
Typical Apps	Process control, oceanography, refrigeration/ compressors, pressure transmitters, level systems	Hydraulic controls, process control, oceanography, refrigeration/ compressors, pressure transmitters, level systems	Level measurement, OEM transmitter and transducers, process control	Filter blockage, pressurized tank level, flow transmitters	Dialysis machines, infusion pumps, medical systems, pressure transmitters, level systems
Legacy Brand	MEAS	MEAS	MEAS	MEAS	MEAS

Threaded/Weldable

All use MEAS's UltraStable piezoresistive silicon die technology in a stainless steel package with oil-filled diaphragm and are suitable for use with liquids and gases. For other material like Hastelloy, Titanium etc. Please contact factory.

	85 UltraStable	87N	89
Package	Weldable or process fitting	Weldable or process fitting	Weldable or process fitting
Type	Gage, Absolute	Sealed Gage, Absolute	Sealed Gage, Absolute
Pressure Range	0-5, 15, 30, 50, 100, 300, 500psi (consult factory for units in mbar & bar)	0-1000, 3000, 5000psi (consult factory for units in mbar & bar)	0-1000, 3000, 5000, 10000psi (consult factory for units in mbar & bar)
Output / Span	100mV typical	100mV typical	100mV typical
Unique Feature	Modular design	High pressure, modular design	High pressure, small size, SS or Ti construction
Accuracy	±0.1% Non-linearity	±0.25% Non-linearity	±0.25% Non-linearity
Operating Temp	-40° to 125°C	-40° to 125°C	-20° to 125°C
Typical Apps	Medical, process control, refrigeration compressor, oceanography, level systems	Air tank pressure, hydraulics, process control, robotics, refrigeration compressors, oceanography	Auto racing, hydraulics, miniature pneumatics, medical, oceanography
Legacy Brand	MEAS	MEAS	MEAS

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Transducers & Transmitters

Precision and General Industrial Transducers & Transmitters

Microfused™ and UltraStable™ Technologies

	MSP300, M340	US300	M5100
Package	Small housing with a large selection of threaded fittings, electrical connectors, cable options and customized housings for OEM applications	Small housing with a large selection of threaded fittings, electrical connectors, cable options and customized housings for OEM applications	Industrial stainless steel housing with a large selection of threaded fittings, electrical connectors, cable options and customized housings for OEM applications
Type	Gage	Gage, Absolute	Gage
Pressure Range	0-100psi thru 0 -30Kpsi (consult factory for units in bar)	0-5psi thru 0-5Kpsi (consult factory for units in mbar & bar)	0-50 psi thru 0-30Kpsi (consult factory for units in bar)
Output / Span	0-100mV, 0.5-4.5Vdc, 1-5Vdc, 4-20mA	0-100mV, 0.5-4.5Vdc, 1-5Vdc, 4-20mA	0.5-4.5Vdc, 1-5Vdc, 0-5Vdc, 0-10Vdc, 4-20mA
Unique Feature	- Microfuse™ technology - High reliability at a low cost - Highly customized for OEM applications - Small size - Solid state reliability - Various total error band choices 1% thru 4.5% typical (all possible errors combined)	- UltraStable™ technology - High reliability at a low cost - Highly customized for OEM applications - Small size - Solid state reliability - Various total error band choices 0.75% thru 3% typical (all possible errors combined)	- Microfuse™ technology - High performance at a low cost - Solid state reliability - 1% Total error band (-20 to 85C all possible errors combined)
Accuracy	<1% FSO	0.15% FSO	0.25% FSO
Operating Temp	-20° to 85°C	-40° to 105°C	-40° to 125°C
Typical Apps	Paint sprayers, braking systems, HVAC controls, energy and water management, pumps, compressors, pneumatic equipment, off road heavy equipment, agriculture equipment	HVAC controls, refrigeration, energy and water management, pumps, compressors, pneumatic equipment, agriculture equipment	HVAC controls, energy and water management, pumps, compressors, pneumatic equipment, off road heavy equipment, trucks, agriculture equipment, braking systems
Agency Approvals	UL 508		CE, UL 508
Legacy Brand	MEAS	MEAS	MEAS

	U5100	MSP800	EPHT / EPPT	EPRB
Package	Industrial stainless steel housing with a large selection of threaded fittings, electrical connectors, cable options and customized housings for OEM applications	Threaded 1/4 NPT port with integral small protruding stainless steel temperature probe	Small housing with threaded port and integral small protruding stainless steel temperature probe	Small housing with threaded port
Type	Gage, Sealed Gage, Absolute	Gage	Absolute	Absolute
Pressure Range	0-5psi thru 0-10Kpsi (consult factory for units in mbar & bar)	50 and 500psi (contact factory for higher pressure, consult factory for units in bar)	500psi thru 5000psi (consult factory for units in bar)	100psi thru 3600psi (consult factory for units in bar)
Output / Span	0.5-4.5Vdc, 1-5Vdc, 0-5Vdc, 0-10Vdc, 4-20mA	0.5-4.5Vdc	0.5-4.5Vdc	0.5-4.5Vdc
Unique Feature	- UltraStable™ technology - High Performance at a low cost - Solid state reliability - Less error than competing technologies - 0.75% Total error band (-20° to 85°C all possible errors combined) - 0.5% max 0.25% typical total error band available for instrument grade	- Microfuse™ technology - In-line temperature probe - digitally compensated for high accuracy over broad temperature range	- Integrated temperature Sensor - High temperature - Miniature design - UltraStable™ Technology - IP66 splash proof rated - Titanium options	- High temperature - Miniature design - UltraStable™ Technology - IP66 splash proof rated
Accuracy	0.1% FSO	0.25% FSO	0.25% FSO	0.25% FSO
Operating Temp	-40° to 125°C	-40° to 85°C	-20° to 150°C (175° intermittent)	-20° to 150°C (175° intermittent)
Typical Apps	Refrigeration, automotive test stands, HVAC controls, energy and water management, pumps, compressors, pneumatic equipment, trucks, agriculture equipment	Medical instruments, HVAC, process control, factory automation, offroad vehicles	Severe environment where small size is required & high intermittent temperatures occur: aerospace, racing, engine performance, gear box pressure, oil pressure, cooling system pressure, brake pressure	Severe environment where small size is required: aerospace, racing, engine performance, gear box pressure, oil pressure, cooling system pressure, brake pressure
Agency Approvals	CE, UL 508			
Legacy Brand	MEAS	MEAS	MEAS	Entran

Heavy Industrial Transducers & Transmitters

	P900, P981, P1200, P700, P9000
Package	Threaded ports with stainless steel housing & various heavy duty electrical connections, various electrical outputs
Type	Gage & Absolute
Pressure Range	75 psi through 10K psi (consult factory for units in bar)
Output / Span	0-5Vdc, 0-10Vdc, 4-20mA
Unique Feature	- High overpressure & shock rated (10X over pressure) - Shock & vibration resistant - Heavy Industrial grade transducer (P9000) - Advanced digital compensation/calibration - Mechanical over pressure stops - High temperature operation
Accuracy	0.1% through 0.2% FSO
Operating Temp	-54° to 120°C
Typical Apps	Steel mills, Hydraulic controls, power generation equipment, Torpedo depth, Mil-Aero, vehicle braking systems
Agency Approvals	CE, CENELEC (Intrinsically Safe)
Legacy Brand	Schaevitz

Transducers & Transmitters

Miniature Pressure Transducers

	EPX	EPXO	EPXN	EPB, EPL
Unique Features	Dynamic & passive output, miniature threaded; stainless steel flush diaphragm, bonded silicon gage, high Frequency response (to 450KHz)	Highest frequency response, dynamic & passive output, high performance miniature threaded, stainless steel flush diaphragm, bonded foil gage, high frequency response (to 230KHz)	UltraStable™ long term stability, miniature threaded, recessed silicon diaphragm	Miniature flush mountable, flush stainless steel diaphragm, flanged or & non-flanged, bonded silicon gage, high frequency response (to 400KHz)
Combined Non-linearity & Hysteresis (±)	0.5-1% FSO	0.75% FSO	0.3-0.5% FSO	±0.5 to ±1% FSO
Output / Span	15mV to 125mV	9mV or 5Vdc	50 to 75mV or 5Vdc	10mV to 125mV
Pressure - PSI	0-5, 10, 15, 25, 50, 100, 250, 500, 1000, 2500, 5000	0-150, 200, 300, 500, 1000, 1500, 2000, 3000, 5000, 7500	0-5, 15, 30, 75, 150	0-5, 10, 15, 25, 50, 100, 250, 500, 1000, 2500, 5000
Pressure - Bar	0-0.35, 0.7, 1, 1.5, 3.5, 7, 15, 35, 70, 150, 350	0-10, 15, 20, 35, 70, 100, 150, 200, 350, 500	0-0.3, 1, 2, 5, 10	0-0.35, 0.7, 1, 1.5, 3.5, 7, 15, 35, 70, 150, 350
Overpressure	1.2X to 10X	1.5X	3X	2X to 10X
Compensated Temp Range	20° to 80°C	0° to 60°C (available option up to 220°C)	20° to 80°C	20° to 80°C
Operating Temp	-40° to 120°C	-40° to 125°	-40° to 120°C	-40° to 120°C
Typical Applications	Mil-Aero, Hydraulic pressure systems, air bag testing, air pressure systems, depth measurements, engine inlet and turbine, biomedical fluid sample analysis equipment	Hydraulic pressure systems, air or gas pressure systems, general purpose use in dry and wet media, off-road equipment	Long term stability applications for static pressure monitoring of dry media, satellites, atmospheric flight tests	Air flow testing, hydraulic pressure systems, air pressure systems, bearing studies, ballistics, water hammer, miniature scale model testing
Legacy Brand	Entran	Entran	Entran	Entran

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Transducers & Transmitters

Sub-Miniature Pressure Transducers

	EPI	EPIH	EPE
Unique Features	**Very small 0.08" outside diameter,** many housing styles, High Frequency Response (420KHz)	**Smallest 0.05" outside diameter,** high frequency to 1.7 MHz	Low pressure, high sensitivity, many housing styles
Combined Non-linearity & Hysteresis (±)	0.25-1.0% FSO	1.0% FSO	0.75 -1.5% FSO
Output / Span	15mV to 100mV	12mV to 75mV	300mV to 400mV
Pressure - PSI	0-5, 10, 15, 25, 50, 75, 100, 250, 500	0-5, 10, 15, 25, 50, 75, 100, 200, 300	0-2, 5
Pressure - Bar	0-0.35, 0.7, 1, 1.5, 3.5, 5,7, 15, 35	0-0.35, 0.7, 1, 1.5, 3.5, 5, 7, 14, 20	0-0.13, 0.35
Overpressure	2X to 5X	2X to 5X	20X to 23X
Operating Temp	Compensated: 20° to 80°C Operating: -40° to120°C	Compensated: 20° to 80°C Operating: -40° to 120°C	Compensated: 20° to 80°C Operating: -40° to120°C
Typical Applications	Wind tunnels, biomedical testing, aircraft body and wing dynamics, modelling, flight test	Aerospace testing, wind tunnels, biomedical testing, aircraft body and wing dynamics, high frequency measurements	Wind tunnels, aircraft body and wing dynamics, microphone applications for acoustic testing
Legacy Brand	Entran	Entran	Entran

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