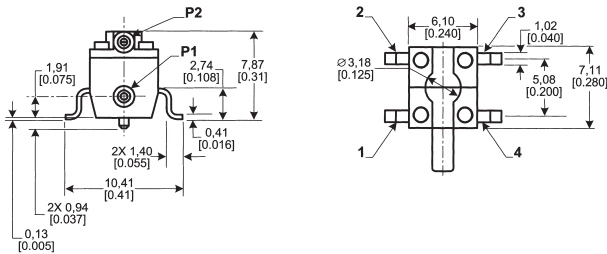
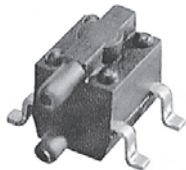




22PC SERIES PRESSURE SENSORS GAGE/UNAMPLIFIED-NONCOMPENSATED

FEATURES: Lowest prices pressure sensor. Miniature package. Can be used to measure with vacuum or positive pressure. Operable after exposure to frozen conditions. 2 mA constant current excitation significantly reduces sensitivity shift over temperature. Type of seal: fluorosilicone excitation voltage: 10VDC (12VDC max.). Operating temperature: -40°C to +100°C (-40°F to +185°F).

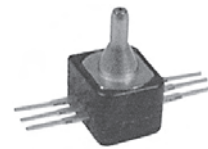
Cat. No.	Pressure Range psi	Sensitivity psi	Type of Port	Overpressure Psi, Max.	Net Price
22PCFA6G	1.0	42mV	Straight	20	\$13.39
22PCAFJ2G	1.0	42mV	Needle	20	13.39
22PCCFA6D	15	15	Straight	45	13.39
22PCCFB6G	15	15	Barbed	45	13.39



24PC SMT AND 26PC SMT SERIES MICROSTRUCTURE PRESSURE SENSORS

FEATURES: Alignment pins for position accuracy. Small package size (less than one half the size of the 24PC and 26PC) and compact surface mount profile. 3, 18 mm (0.125 in) diameter pick-up feature for use in pick and place machines. Max peak reflow temperature of 260°C (500°F). Gage, vacuum gage, differential, wet/wet differential sensing available in one package. True wet/wet differential sensing. Proven elastomeric interconnections of the 20PC family. Port style: straight, 1.88 mm (0.74 in). Temperature compensated from 0°C to 50°C (32°F to 122°F) (26PC SMT only). Null and full-scale output are calibrated (26PC SMT only). Sensor consists of only five components. Elastomer construction. Wide operating temperature range -40°C to 85°C (-40°F to 185°F). Recommended excitation voltage: 10VDC (10VDC max.). **APPLICATIONS:** Blood glucose monitors. Oxygen conservers. Infusion pumps. Ventilators. Continuous positive airway pressure equipment. Residential fuel cells.

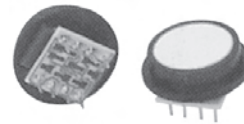
Cat. No.	Pressure Range	Net Price
24PC SMT		
24PC01SMT	0-1 psi	\$10.91
24PC05SMT	0-5 psi	10.91
24PC15SMT	0-15 psi	10.91
26PC SMT		
24PC01SMT	0-1 psi	10.91
24PC05SMT	0-5 psi	10.91
24PC15SMT	0-15 psi	10.91



40PC SERIES PRESSURE SENSORS MINIATURE SIGNAL CONDITIONED

FEATURES: Small amplified sensor package. Minimum PCB space. Fully signal conditioned. Silicon piezoresistive technology. Monolithic design. 6 pin DIP package. Port designed for O-ring interface. Excellent media compatibility. Accuracy of 0.2%. Supply voltage: 5VDC ±0.25. Supply current: 10mA max. Operating temperature: -45°C to +125°C (-49°F to +257°F).

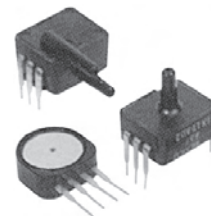
Cat. No.	Pressure Range psi	Pressure Type	Lead Style	Net Price
40PC001B1A	±50 mm Hg	Bi-directional	1-unformed	\$44.20
40PC015G1A	0-15	Gage	1-unformed	44.20
40PC100G1A	0-100	Gage	1-unformed	44.20
40PC150G1A	0-150	Gage	1-unformed	44.20



1865 SERIES FORCE/PRESSURE TRANSDUCER

The model 1865 is a high-performance transducer specifically designed to address the needs of medical and specialized OEM applications. Offering laser-trimmed compensation, the model 1865 may be specified to operate with either a constant current or voltage supply. Employs a solid state piezoresistive pressure transducer mounted in a plastic package. Precision height silicone diaphragm provides long life. **FEATURES:** Force measurement for infusion pump applications. Pressure measurement for liquid media. 8-pin DIP electrical connection. Ambient temperature: 27°C ± 1°C (80°F ± 2°F). Dimensions: .675" L x .300" H. **APPLICATIONS:** Infusion pumps. Anesthesia monitors. Non-corrosive, non-pressurized media-level sensors. Ventilation systems. Blood pressure equipment. Syringe pumps. Drug delivery systems.

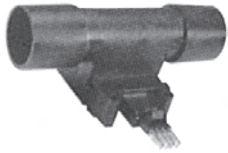
Cat. No.	Pressure range	Pressure Type	Net Price
1865-01G-LDN	0-5 psi	1.5mA	\$170.00
1865-02G-LDN	0-10 psi	1.5mA	170.00
1865-03G-LDN	0-15 psi	1.5mA	170.00
1865-05G-LDN	0-25 psi	1.5mA	170.00
1865-07G-LDN	0-30 psi	1.5mA	170.00
1865-01G-KDN	0-5 psi	10 VDC	170.00
1865-02G-KDN	0-10 psi	10 VDC	170.00
1865-03G-KDN	0-15 psi	10 VDC	170.00
1865-05G-KDN	0-25 psi	10 VDC	170.00
1865-07G-KDN	0-30 psi	10 VDC	170.00



SLP SERIES LOW PRESSURE SENSOR

The SLP series of pressure sensors provides the lowest cost components for measuring very low pressures. These low pressure range devices were specifically designed to accurately measure differential and gage pressures of 0 inches to four inches of H₂O. They are meant for use with non-corrosive and non-ionic media, such as air, dry gases, and other like gases. These differential devices allow application of pressure to either side of the diaphragm and can be used for gage or differential pressure measurements. **FEATURES:** High impedance bridge. Low noise. Low power consumption for battery operation. Supply voltage: 7.5VDC. Operating temperature: 0°C to 50°C (32°F to 122°C).

Cat. No.	Pressure Range	Net Price
SENSOR IN BUTTON PACKAGE		
SLP004D	0 in H ₂ O to 4.0 in H ₂ O and 10.0 in H ₂ O	\$150.00
SENSOR IN DIP PACKAGE		
SLP004D4	0 in H ₂ O to 4.0 in H ₂ O and 10.0 in H ₂ O	150.00



AWM700 SERIES MASS AIRFLOW SENSORS

AWM700 series microbridge mass airflow sensors provide in-line flow measurement with a specially designed bypass flow housing. The sensors measure flow as high as 200 standard liters per minute (SLPM) while inducing a pressure drop of 1 inch H₂O, typically. The AWM700 has a high flow range capability in a small package. The AWM700 has a 6 millisecond response time, requires a 10VDC supply, but consumes only 60mW of power. The compact plastic package withstands overpressures of 25 psi without compromising performance. The snap-in AMP compatible connector provides reliable connection. The sensor is also well suited in portable devices and battery-powered applications. Developed primarily for the medical ventilation market, meets the high performance requirements of many medical and analytical instrumentation applications. Operating temperature: -25°C to +85°C (-13°F to +185°F). Recommended excitation voltage: 10VDC (10VDC max.). Signal conditioning: amplified (1VDC to 5VDC). Dimensions: 1.45" H x 1.33" W.

Cat. No.	Flow Range (Full Scale)	Port Style	Net Price
AWM720P1	+200 SLPM	Tapered, 22 mm	\$198.05



FS SERIES PRESSURE SENSORS FORCE SENSORS

The FS01/FS03 sensors are special low cost, piezoresistive-based force sensors. These high-level voltage output, calibrated, and temperature compensated sensors give an accurate and stable output over a 5°C to 50°C (41°F to 122°F) temperature range. They offer simple operation from a single 5.0VDC supply. Operation from any DC supply voltage, up to 12.0VDC, is acceptable. The FS01/FS03 sensors feature an integrated circuit sensor element and laser trimmed thin film ceramic in a small plastic housing. Their extremely small size enables the use of multiple sensors in limited available space. This package also provides excellent corrosion resistance and isolation to external package stress. **FEATURES:** 0 to 1.5 pounds and 0 to 3.0 pound ranges. Calibrated zero and span. Low noise. Operating temperature: 0°C to 70°C (0°F to 158°F). Supply voltage, V_s: 12.0VDC. **APPLICATIONS:** Medical infusion pumps. Ambulatory noninvasive pump pressure. Occlusion detection. Kidney dialysis machines. Load and compression sensing. Variable tensions control.

Cat. No.	Operating Force	Maximum Force	Full Scale Span		Net Price
			Typ.	Max.	
FS01	0 lbs to 1.5 lbs	7 lbs	3.0VDC	3.15VDC	\$148.33
FS03	0 lbs to 3.0 lbs	7 lbs	3.0VDC	3.15VDC	148.33



13MM SERIES LOW COST, ISOLATED PRESSURE SENSORS

These SenSym ICT 13 mm stainless steel devices are designed for high pressure applications that involve measurement of hostile media in harsh environments. This series uses SenSym ICT's proven piezoresistive semiconductor sensor chip in an oil isolated housing with or without an integral ceramic for temperature compensation and calibration. This design has proven to be highly reliable, stable, and accurate. These sensors feature a weld ring collar and special back support ring for high cycle life capability as they are designed for further package integration in OEM applications. **FEATURES:** Rugged—isolated stainless steel package. Reliable semiconductor technology. Calibrated and

temperature compensated. Voltage or current supply option. Absolute and sealed gauge pressures. Operating temperature: -40°C to +125°C. Life: 1 million cycles min. Insulation resistance: 1000MΩ at 50VDC. **APPLICATIONS:** Industrial controls. Hydraulic controls. Tank pressure. Transmitter.

Cat. No.	Pressure Range psi	Output	Pressure Connection	Net Price
13C1000PS1L	0-1000	1.5mA	Ring with back support	\$150.00
13C3000PS1L	0-3000	1.5mA	Ring with back support	150.00
13C5000PS1L	0-5000	1.5mA	Ring with back support	150.00



ECLIPSE SERIES PRESSURE TRANSDUCERS

The EC pressure transducer is designed for OEM's who require a reliable pressure transducer for industrial or heavy-duty applications. The EC features our proven all wetted stainless steel design, rugged packaging, internal signal amplifications, and price which make it an ideal sensor for a variety of applications. **FEATURES:** Voltage or current output. Weather proof type connector. Reverse polarity protection. Low excitation voltage. Current: 4.0mA. Voltage: 1.0VDC. Supply current: 15.0mA typical (17.0mA max.). Response time: <500 microseconds. Compensated operating and storage temperature range: -40°C to 105°C (-40°F to 221°F). **BENEFITS:** Flexibility for the designer. Suitable for many applications. Ready for Europe. High reliability in tough environments. Not damaged by reversed excitation. Suitable for ORV or marine use. Complete environmental protection for electronics. **APPLICATIONS:** Hydraulic/pneumatic controls. Air compressors. Energy management. Process control systems. Engine controls and monitors.

Cat. No.	Pressure Range psi	Output	Termination	Pressure Connection	Net Price
EC200PS1PC	200	0.5-4.5VDC	Packard	1/8 27 NPT	\$439.00
EC300PS1PC	300	0.5-4.5VDC	Packard	1/8 27 NPT	439.00
EC500PS1PC	500	0.5-4.5VDC	Packard	1/8 27 NPT	439.00
EC02KPS1PC	02K	0.5-4.5VDC	Packard	1/8 27 NPT	439.00



ML SERIES PRESSURE TRANSDUCERS

The ML pressure transducer combines the latest in ASIC technology with our proven stainless steel design. This digitally compensated transducer offers an unparalleled value and performance combination making it the ideal pressure sensing solution for demanding automotive and industrial applications. Fully temperature compensated, calibrated, and amplified, the ML is available in 100 to 5000 PSIS pressure ranges. The ML has three standard output options: 0.05 to 4.50VDC ratiometric output from 5VDC excitation, a 1.0 to 6.0VDC regulated output from 7-35VDC excitation, and a 4-20mA current from 9-35VDC excitation. **FEATURES:** High value and outstanding performance. No internal elastomeric seals. Amplified outputs. Reverse polarity protection. Less than 500 microseconds response time. Designed to meet IP65 standards with appropriate mating connector, (Packard #12065287). Exceeds CE heavy industrial EMC. **BENEFITS:** Excellent OEM value. Eliminates O-Ring compatibility issues. Eliminates cost of external amplifiers. Not damaged by reversed excitation. Accurate high speed measurements. Protected from harsh environments. **APPLICATIONS:** Diesel engines. Refrigeration and HVAC systems. Hydraulic fluid pressures. General industrial pressure. Off road vehicles.

Cat. No.	Pressure Range psi	Output	Termination	Pressure Connection	Net Price
ML100PS1PC	100	0.5-4.5VDC	Packard	1/8 27 NPT	\$220.62
ML100PS1PG	100	4-20 mA	Packard	1/8 27 NPT	220.62
ML01KPS1PC	01K	0.5-4.5VDC	Packard	1/8 27 NPT	220.62