

LOW PRESSURE SENSORS FROM 0.1" H₂O FS TO 3 PSI FS

Model & Pricing Overview Guide



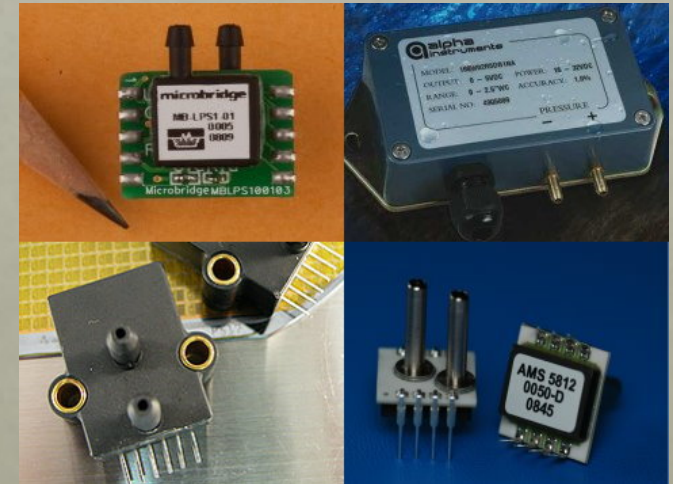
www.servoflo.com

LOW PRESSURE SENSORS

FROM 0.1 IN H2O FS TO 3 PSI FS

Product Areas

- Board Mount Pressure Sensors
 - Different packages for mechanical flexibility
 - Various accuracies for pricing flexibility
 - Unamplified output & uncalibrated models
 - Analog output, amplified & calibrated models
 - Digital output, amplified & calibrated models
- Stand-Alone Pressure Sensors
 - Amplified & calibrated analog output & 4- 20 mA



EXAMPLE LIST OF SENSORS

Unamplified

- MPS2100 & MPS3100
- SM5470

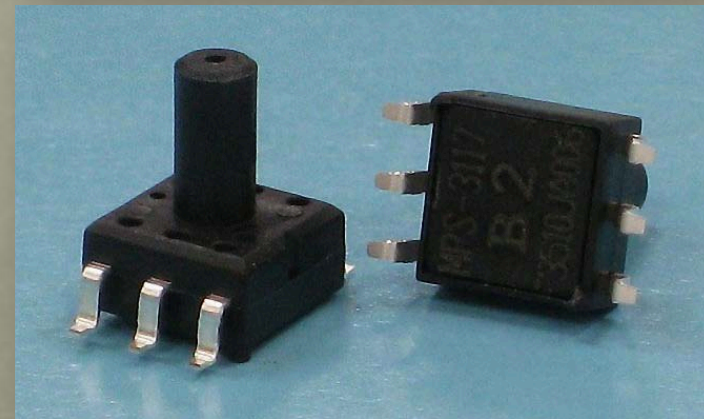
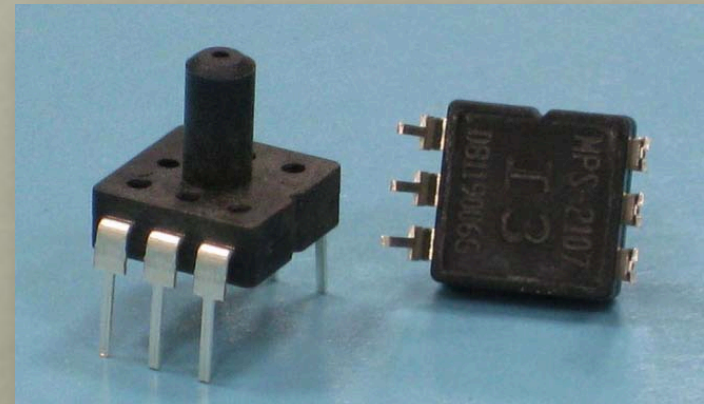
Amplified & Calibrated

- | | |
|---------------------|-------------------|
| ▪ LPS1 & LPS2 | ▪ SLP35 |
| ▪ MIS2500 & MIS3500 | ▪ MS4515 & MS4525 |
| ▪ SM5882 | ▪ MS5701 |
| ▪ SLP33 & MAP36 | ▪ AMS5812 |
| ▪ CCD53 & CCD54 | ▪ ME550 |
| | ▪ AI Series |

UNAMPLIFIED LOW PRESSURE

MPS2100 & MPS3110

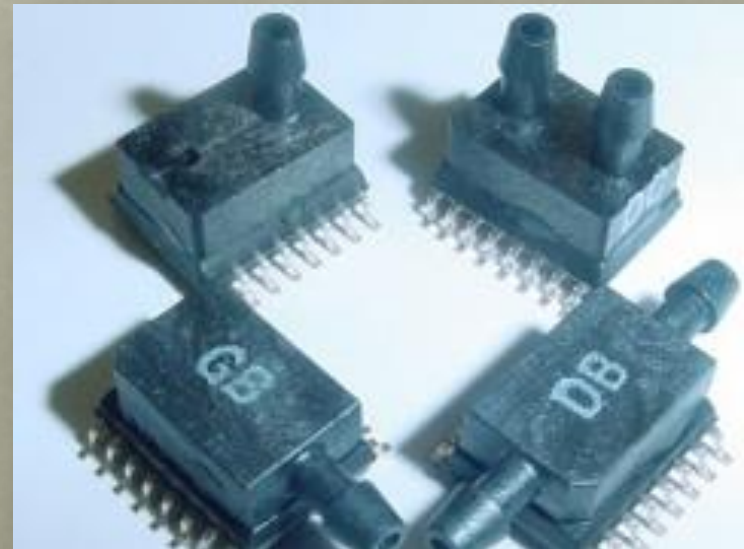
- Gauge pressure 0-1 psi (higher ranges available)
- MPS2100 has dual-in-line package
- MPS3110 is SMD
- 2-15V supply
- Millivolt output
- Price (depends on configuration)
 - 100 pieces \$3.74 - \$4.06 each
 - 1000 pieces \$2.91 - \$3.16 each



UNAMPLIFIED LOW PRESSURE

SM5470

- Various ranges from 0-0.15 psi up to 0-1.5 psi
- Gauge & differential
- Up to 10V supply maximum
- Uncalibrated millivolt output
- Price
 - 100 pieces \$6.51 each
 - 1000 pieces \$5.54 each



UNAMPLIFIED LOW PRESSURE

ME550

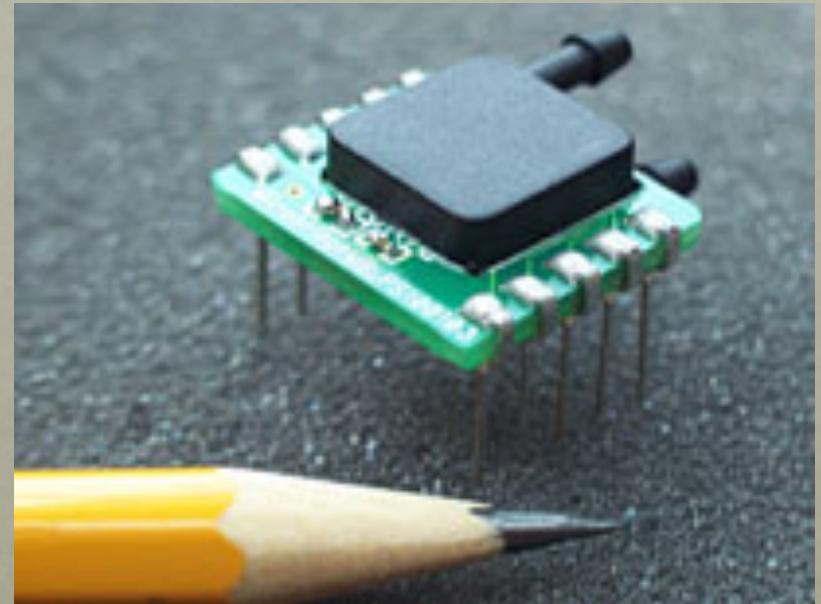
- Various ranges from 0-0.06 Bar & higher
- Gauge & Absolute
- Harsh media compatible
- High overpressure compared to nominal pressure range
- 5VDC nominal supply
- Capacitive output
- Price
 - 100 pieces \$46 - \$49 each
 - 1000 pieces \$33.50 - \$38 each



AMPLIFIED ULTRA LOW PRESSURE UNDER 4 IN H2O

LPS1 & LPS2 Series

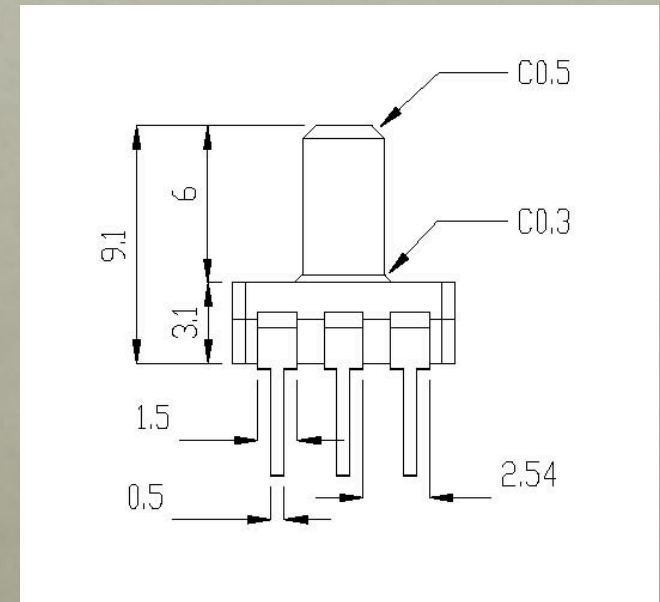
- Differential 0.1" H2O to 0-5" H2O
- Bi-directional available
- 5V supply (3V available)
- Voltage output
- High flow impedance
- LPS2 offers high sensitivity in narrow pressure ranges
- MEMS thermal anemometry
- Price (depends on configuration)
 - 100 pieces each \$31-\$40 each
 - 1000 pieces each \$25-\$31 each



AMPLIFIED & CALIBRATED

MIS2500 & MIS3500

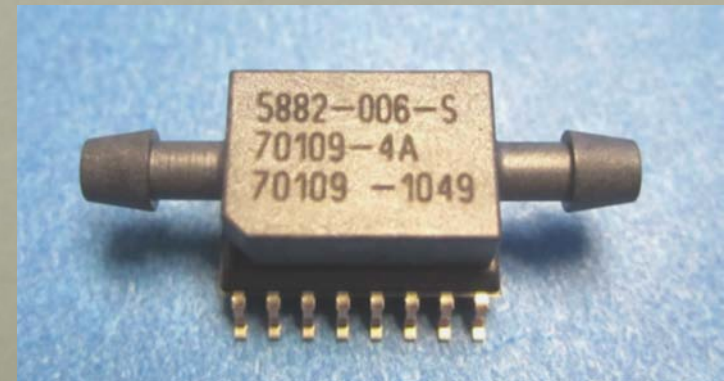
- 0-1 psi (higher ranges available)
- Gauge
- Dual-in line (MIS2500) or SMD (MIS3500)
- 5V or 3V (model dependent)
- Calibrated & temperature compensated output
- Price depending on configuration
 - 100 pieces \$7.69 - \$8.15 each
 - 1000 pieces \$5.99 - \$6.35 each



AMPLIFIED & CALIBRATED

SM5882

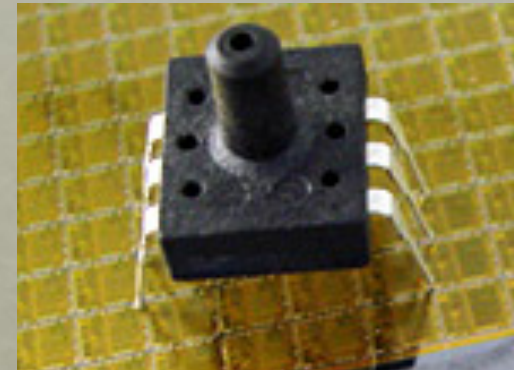
- 2 ranges from 0-0.6 psi & 0-1.5 psi
- Differential, Gauge or single-ended
- 5V supply
- SO16 package
- Ratiometric voltage or I²C output
- Price
 - 100 pieces \$8.96 each
 - 1000 pieces \$7.61 each



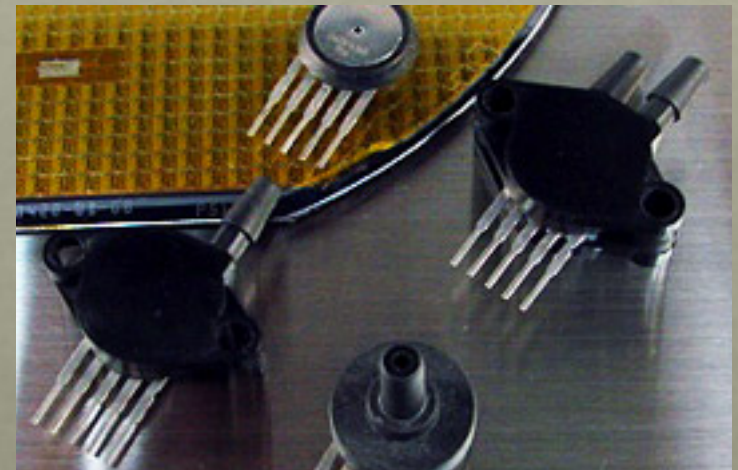
AMPLIFIED & CALIBRATED

SLP33 & MAP36 Series

- Various ranges from 0-0.3 psi up to 0-3 psi
- Gauge or differential (MAP36)
- 5V supply (3V model available)
- Through hole
- Surface mount option (SLP33)
- 0.5-4.5V or digital Hex output
- Price
 - 100 pieces \$10.17 each
 - 1000 pieces \$7.82 each



SLP33 Series

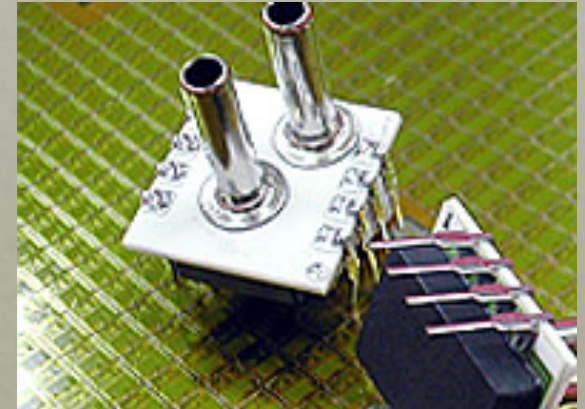


MAP36 Series

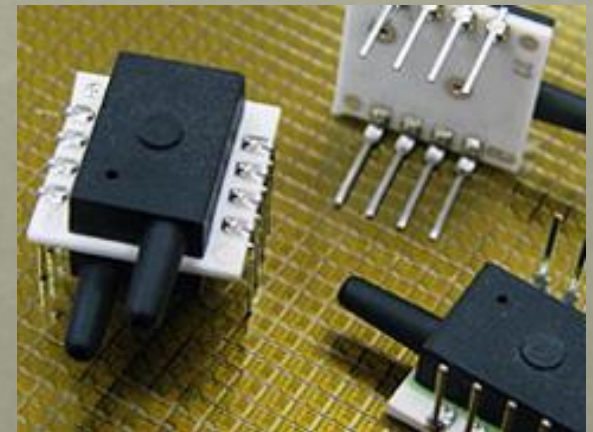
AMPLIFIED & CALIBRATED

CCD53 & CCD54 Series

- Various ranges from 0-0.15 psi up to 0-3 psi
- Gauge or differential
- 5V supply (3V model available)
- Dual-in-line package
- 0.5-4.5V or digital Hex output
- Price
 - 100 pieces \$12.35 each
 - 1000 pieces \$9.50each



CCD53 Series



CCD54 Series

AMPLIFIED & CALIBRATED

SLP35 Series

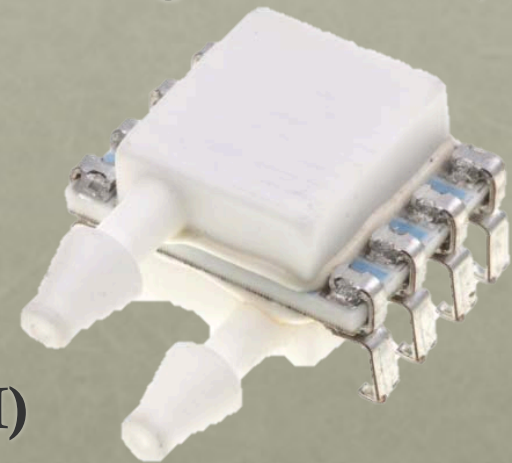
- Various ranges from 0-0.3 psi up to 0-1 psi
- Gauge or differential
- Small size of 10 mm x 8 mm
- 5V supply (3V model available)
- Surface mount
- 0.5-4.5V or digital Hex output
- Price
 - 100 pieces \$10.98 each
 - 1000 pieces \$8.45 each



AMPLIFIED & CALIBRATED

MS4515 & MS4525 Series

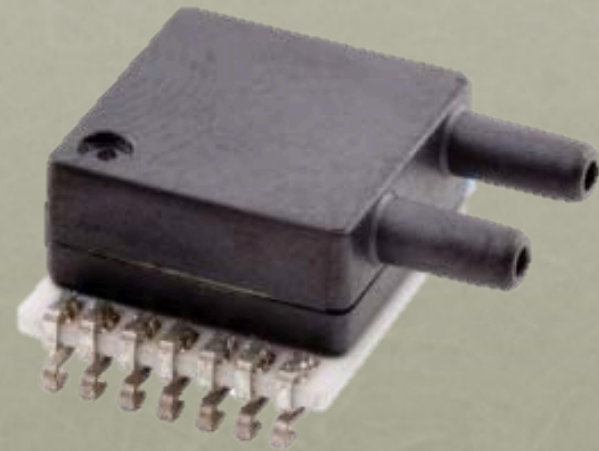
- MS4515 various ranges from 0-2" H2O up to 0-30" H2O
- MS4525 ranges include 0-1 psi, 0-2 psi (higher ranges available)
- Gauge or differential
- 5V or 3V supply
- Surface mount
- Analog voltage or digital output (I2C or SPI)
- Price
 - 100 pieces \$29 each
 - 1000 pieces \$16.50 each



AMPLIFIED & CALIBRATED

MS5701

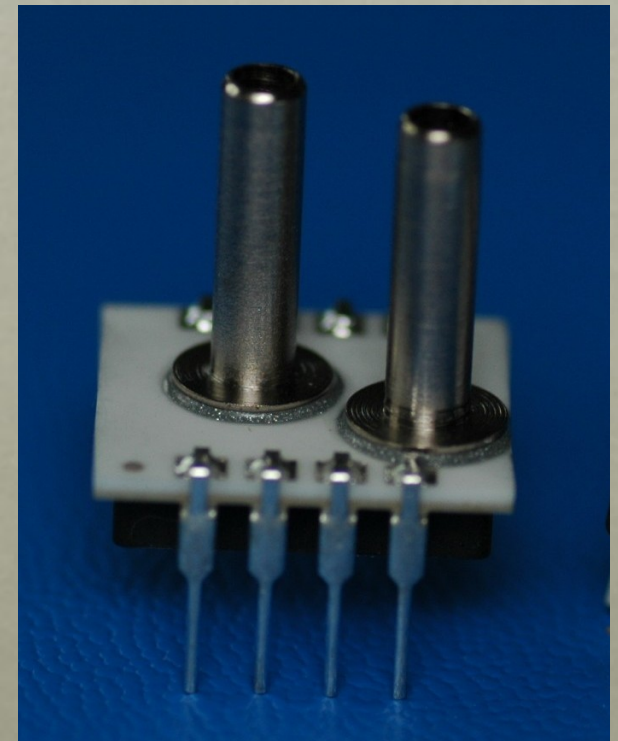
- Various ranges up to 20" H2O
- Gauge or differential
- Bi-directional available
- 1.8 -3.6 VDC supply
- Surface mount
- I²C or SPI digital output
- Price depends on configuration
 - 100 pieces \$27 - \$28.50 each
 - 1000 pieces \$21.57 - \$23 each



AMPLIFIED & CALIBRATED

AM5812

- Ranges include 0-0.15 psi, 0-3 psi & higher
- Differential (relative or bidirectional)
- Bi-directional available
- Maximum 6VDC supply
- Surface mount
- Voltage or digital output (I²C)
- Coming soon AM5805 with switch outputs
- Price depends on configuration
 - 100 pieces \$20-\$24 each
 - 1000 pieces \$15.70 - \$19.60 each



STAND-ALONE CALIBRATED & COMPENSATED

AI Series

- Ranges include 0-0.1" to 0-100" H2O
- Highest possible accuracy at low pressures with superb long term stability
- Gauge or differential (bidirectional available)
- Various packages available including din rail & NEMA
- 5V supply
- Voltage or 4-20 mA
- Pricing at 100 pieces is \$130 - \$215. Contact us for higher volumes.



CONTACT INFORMATION

How may we help you?

- Tel: 781-862-9572 or 866-830-9572 (US only)
- Fax: 781-862-9244
- Web site: www.servoflo.com
- Email: info@servoflo.com