

Kavlico Delivers

For nearly half a century, Kavlico's on time delivery of millions of cost-effective, leading-edge sensors to a diverse number of industries worldwide has been unequalled. So, whether your application requires:

- Gage, absolute, atmospheric, or differential pressure
- Combined pressure and temperature
- Specialty sensors for tilt, level and more

Kavlico Delivers!

Custom Designed Solutions

Your Options, Your Choice. At Kavlico, we put the custom in customer. Our team of design engineers start with the ABC's of sensor fundamentals.

Application – Define the measurement

Build – Upon a proven technology

Customize – The sensor package to fit the need



Housing Material Selections

- Brass
- Plastic
- Plated Steel
- Custom
- Stainless Steel

Pressure Port Configurations

- Male or Female Threads
- Tube Fitting
- Flange Mount
- Custom

Technology That Fits

By matching sensor technology to your application-specific design criteria, we minimize cost and maximize performance. This essential element of our approach supports your program development and creates a long-term strategic partnership.

- Ceramic Capacitive
- Piezo Resistive Oil Filled (PRT)
- Silicon Micro-Machined – Single Chip Capacitive (MEMS)
- Thin Film

Our sensor technologies assure you... the customer, the Technology That Fits... time and time again.

Flexible Manufacturing Solutions by Design

Simplicity of design, uniformity of production, flexible manufacturing practices, and proven reliability make Kavlico your sensor solution supplier... by design and by choice!

- We concentrate on prevention rather than detection utilizing exacting quality standards
- We test each and every sensor for specification conformance – 100%

Connections of Your Choice

- Integral (Many Choices)
- Flying Leads
- Molded Cable
- Terminal Pins
- Hermetically Sealed (MIL Spec)
- Custom

Output Formats

- Amplified Voltage
- PWM
- Current Loop
- Frequency
- Digital
- Custom

Outstanding Sensor Features

All Kavlico sensors are rugged by design, allowing for installation in hostile measurement environments. Our sensors feature:

- Repeatable, accurate measurements over the lifetime of your equipment
- High Shock and vibration tolerance on heavy machinery
- EMI/RFI and high overpressure protection and high humidity tolerance
- Compensation over a wide temperature range

With a 10-year minimum shelf life and a lifetime in millions of cycles, Kavlico sensors are made to last. And with so many OEM options... Kavlico is the sensible choice for your measurement requirements.

Sales Inquiry Locations

Americas (USA/Canada)

14401 Princeton Avenue
Moorpark, CA 93021
Phone: 1 (805) 523-2000
Fax: 1 (805) 523-7125
E-mail: sales@cstsensors.com

Mexico

Calzada Zavaleta 2505-C Col. Sta Cruz Buena Vista
Puebla, Pue. Mexico C.P. 72150
Phone : +52 222 409 7811
Fax: +52 222 409 7810
E-mail: mexico@cstsensors.com

Germany

Potsdamer Str. 14
32423 Minden, Germany
Phone: +49 571 3859 0
Fax: +49 571 3859-119
E-mail: info@kavlico.de

Shanghai China

2 Floor, Innovation Building
No. 1009, Yi Shan Road, Shanghai 200233 China
Phone: +86 (21) 2401 7766
Fax: +86 (21) 6249 0701
E-mail: china@cstsensors.com

India

Unit No. 1301 & 1302, Prestige Meridian II
No. 30, M.G. Road, Bangalore - 560 001 India
Phone: +91 80 4113 2204/05
Fax: +91 80 4113 2206
E-mail: india@cstsensors.com

South Korea

5F, Jeil Building, 94-96, Youngdeungpo-dong 7ga,
Youngdeungpo-gu, Seoul 150-037 South Korea
Phone: +82 2 2629 8312
Fax: +82 2 2629 8310
E-mail: korea@cstsensors.com

Taiwan and Other East Asian & Pacific Countries

3F, No. 39, Ji-Hu Road Nei-Hu Dist.,
Taipei 114, Taiwan, R.O.C.
Phone: +886 2 8751 6388
Fax: +886 2 2657 8725
Taiwan E-mail: taiwan@cstsensors.com
EAP E-Mail: eap@cstsensors.com

www.kavlico.com
www.cstsensors.com



Capability Brochure Industrial Pressure Sensors, Transducers and Transmitters

OEM and Catalog Product Families

Low Cost Options

High Volume Capability

Compact and Rugged Designs



Standard Sensors, Transducers, and Transmitters for OEMs, Distributors, Value-Added Resellers, and End-Users



P255
General Purpose Ceramic Pressure Sensor
 Pressure Range: 0-15 to 0-1,000 PSI
 Absolute, Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: 316 Stainless Steel
 Media: Compatible Liquids & Gases



P265
General Purpose Ceramic Pressure Sensor
 Pressure Range: 0-15 to 0-1,000 PSI
 Absolute, Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: 316 Stainless Steel
 Media: Compatible Liquids & Gases



P500
High Performance OEM Pressure Sensor
 Pressure Range: 0-15 to 0-1000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass for ≤ 300 PSI
 304 SS for > 300 PSI
 Media: Compatible Liquids & Gases



P4055/P4056
Low Cost OEM Pressure Sensor
 Pressure Range: 0-200mBar to 0.20 Bar
 0-3 to 0-300 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass
 Media: Compatible Liquids & Gases



P2000
Low Cost Ceramic OEM Pressure Sensor
 Pressure Range: 0-15 to 0-300 PSI
 Absolute, Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass
 Media: Compatible Liquids & Gases



PT250/PT251
Sealed Industrial Pressure Transmitter
 Pressure Range: 0-6 to 0-400 BAR
 0-100 to 0-5,000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 9 Vdc to 32 Vdc
 Output Voltage: 4-20mA
 Housing/Pressure Port: 304L Stainless Steel
 Media: Compatible Liquids & Gases



P250/P251
Sealed Industrial Pressure Sensor
 Pressure Range: 0-6 to 0-400 BAR
 0-100 to 0-5,000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 to 4.5 Vdc
 Housing/Pressure Port: 304L Stainless Steel
 Media: Compatible Liquids & Gases



P250R/P251R
Sealed Industrial Pressure Sensor with Internal Regulator
 Pressure Range: 0-6 to 0-400 BAR
 0-100 to 0-5,000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 9 Vdc to 32 Vdc
 Output Voltage: 0-10 Vdc, 0-5 Vdc
 Housing/Pressure Port: 304L Stainless Steel
 Media: Compatible Liquids & Gases



P356
Low Pressure Differential/Gage Pressure Sensor
 Pressure Range: 0-0.5 to 0-5 PSI
 Differential/Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass
 Media: Compatible Liquids & Gases (High Port)
 Dry Air or Gas (Low Port)



P350
Water Level & Pump Pressure Sensor
 Pressure Range: 0-5 to 0-150 PSI
 Gage
 Supply Voltage: 4.75 Vdc to 8 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Valox® 420
 Media: Compatible Liquids & Gases



P528
High Volume Refrigeration Pressure Sensor
 Pressure Range: 0-100 to 0-1000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass for ≤ 300 PSI
 304 SS for > 300 PSI
 Media: Refrigerants



P158
Refrigeration Pressure Sensor
 Pressure Range: 0-100 to 0-750 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: Brass
 Media: Refrigerants



P4000
Sealed High Pressure Sensor
 Pressure Range: 0-100 to 0-6,000 PSI
 Absolute, Sealed Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: 304L Stainless Steel
 Media: Compatible Liquids & Gases



P5000
High Pressure Sensor
 Pressure Range: 0-500 to 0-10,000 PSI
 Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: 304 Stainless Steel
 Media: Compatible Liquids & Gases



P312
Pressure Sensing Module
 Pressure Range: 0-5 to 0-100 PSI
 Absolute, Gage
 Supply Voltage: 4.75 Vdc to 7 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: CRES 304
 Media: Compatible Liquids & Gases



P992
Low Range Differential Pressure VAV Sensor
 Pressure Range: 0-5mBAR to 0-25mBAR
 0-2 to 0-10" H2O Differential
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.25 Vdc to 4.0 Vdc
 Housing/Pressure Port: PET, 30% Glass
 Media: Dry Air or Inert Gas



P993
Low Range Differential Pressure PCB Mount VAV Sensor
 Pressure Range: 0-5mBAR to 0-25mBAR
 0-1 to 0-10" H2O Differential
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.25 Vdc to 4.0 Vdc
 Housing/Pressure Port: PET, 30% Glass
 Media: Dry Air or Inert Gas



P593
Low Range Differential Pressure Sensor
 Pressure Range: 0-2.5mBar
 0-1" H2O Differential
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.25 Vdc to 4.0 Vdc
 Housing/Pressure Port: Plastic Composite
 Media: Dry Air or Inert Gas



P6000/P6010
Remote Mount Miniature Pressure Sensor
 Pressure Range: 0-30cm H2O to 0-75 PSI
 Absolute, Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 Housing/Pressure Port: PA 66, 30% Glass
 Media: Dry Air



P6050
PCB Mount Low Profile Pressure Sensor
 Pressure Range: 0-30cm H2O to 0-75 PSI
 Absolute, Gage
 Supply Voltage: 5 Vdc ±0.5 Vdc
 Output Voltage: 0.5 Vdc to 4.5 Vdc
 or Digital SPI Output
 Housing/Pressure Port: PA 66, 30% Glass
 Media: Dry Air

Many of Kavlico's sensors have CE certification as well as RoHS compliance. Consult factory for more information: (805) 523-2000

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