At Hyb we develop, design and produce wide range of thick-film hybrid circuits, pressure sensors, pressure transducers, pressure switches and other electronic devices for industrial, automotive and other applications under the brand HybySens. We offer HybySens products to Original Equipment Manufacturers and distributors.

We understand quality as a combination of activities which, when united into one, produce a synergetic effect to ensure the highest possible level of quality of our products and business operations, the satisfaction of our employees and, above all, of our customers.
SERIES HPS 1000

Easy to use package
Surface mount device (SMT)
Compact and light weight
High performance (stable silicon chip)
Industrial temperature operating range (-25 °C to + 85 °C)
Gage and absolute configurations
Pressure ranges: 10 mbar to 7 bar
Low cost

HPS 1000
Packaged die transducer
Analog output in mV
Open and closed close bridge configurations

HPSD 1000
Digital pressure transducer
Digital I2C output
(pressure + temperature) High accuracy down to 0.5%FS max (all effects included)
On special request.

SERIES HPS 2000

Analog and digital pressure transducer
Pressure transmitter component
Easy to use package
Temperature compensated (0 to 50 °C, 0 to 70 °C)
Standard 19 mm stainless steel or aluminium housing with o-ring
Low zero offset voltage
High accuracy: down to 0.5%FS max (all effect included)
High performance OEM applications
Pressure ranges: 20 mbar to 7 bar
Pressure media: all non-corrosive gases and liquids

HPSAC 2000
Analog pressure transducer
Current power supply
Ratiometric analog output in mV
Low zero offset voltage
Calibrated zero + span

HPSD 2000
Digital I2C output
(pressure + temperature)
Ratiometric analog output in volts
On special request.
SERIES HPS 3000
Differential pressure transducer
Through hole or SMT mount
Temperature compensated (0 to 70 °C)
High long term stability
High performance OEM applications
High accuracy: down to 0.5%FS max (all effects included)
Differential, gage and absolute configurations
Pressure ranges: 1 mbar to 7 bar
Pressure media: all non-corrosive gases and liquids

HPSAV 3000
Voltage power supply
Ratiometric analog output in mV
Zero & span calibration

HPSD 3000
Digital I2C output (pressure + temperature)
Ratiometric analog output in volts

HPSAC 3000
Current power supply
Ratiometric analog output in mV
Low zero offset voltage
Zero & Span calibration

SERIES HPS 4000
Differential pressure transducer
Through hole mount
Temperature compensated (0 to 70 °C)
High long term stability
High accuracy: down to 0.5%FS max (all effects included)
High performance OEM applications
Differential, gage and absolute configurations
Pressure ranges: 10 mbar to 7 bar
Pressure media: all non-corrosive gases

HPSAV 4000
Voltage power supply
Ratiometric analog output in mV
Zero & span calibration

HPSD 4000
Digital I2C output (pressure + temperature)
Ratiometric analog output in volts

HPSAC 4000
Current power supply
Ratiometric analog output in mV
Low zero offset voltage
On special request.
SERIES HPS 5000
Digital pressure switch transducer
Temperature compensated (0 to 70 °C)
Analog output in volts
Externally adjusted switching output (potentiometer) with LED indicator
Digital I2C output possible
Overvoltage + short circuit protection
High accuracy: 0.5%FS max (all effects included)
High performance OEM applications
Standard M8 electrical connector
Pressure ranges: 10 mbar to 7 bar
Pressure media: all non-corrosive gases and liquids

HPSD 5000
Digital pressure transducer
in special miniature housing
On special request.

HPSD 5100
Digital pressure transducer in fi8 metal housing (harsh enviroment)

HPSW 5000
Digital pressure switch
in special miniature housing
On special request.

HPSW 5100
Digital pressure switch in fi8 metal housing (harsh enviroment)
**Series HPSD 8000**
Miniature Pressure Transducer (13.2x8x6.7mm or 13.2x12.6x4.1mm)
Straight Vertical or Horizontal Pressure Ports
Differential or Absolute configuration
Standard temperature compensated (0 to 70°C), other possible
High long-term stability
High accuracy down to 0.75% (all effects included)
Digital I2C or SPI output
Pressure range: 0-1 mbar to 15 bar
Pressure media: all non-corrosive gases and liquids
SMT mount

**HPSD 8000**
Adjustable output resolution (up to 15 bits)
ADC and DAC included
Internal microcontroller

**HPSD 8100**
Extremely low-power consumption
24-bit ΔΣ ADC
Adjustable output resolution (up to 19 bits)
External microcontroller necessary

**Series HPSD 9000**
Pressure Transducer for harsh environment and high pressures
Cheramic measuring cell and programmable ASIC
Protection class IP65, IP67 with connector
Gage configuration
Standard temperature compensated (0 to 70°C), other possible
High long-term stability
High accuracy down to 1% (all effects included)
Analog output
Pressure range: 1 bar to 100 bar
Pressure media: all non-corrosive gases and liquids
Standard Packard electrical connector and Standard pneumatic connection
Customised Solutions