



## PC10 Piezoresistive Silicon Pressure Sensor (Φ 19 x 14mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Input impedance: 2kΩ~5kΩ (constant current);  
 3kΩ~18kΩ (constant voltage)  
 Zero output: ±2mV  
 Span output: 30mV~60mV (10kPa, 1.5mA);  
 60mV~150mV (other ranges, 1.5mA);  
 60mV ± 2mV (10kPa, 10V);  
 100mV ± 2mV (other ranges, 10V)  
 Excitation: 1.5mA (constant current);  
 10V (constant voltage)  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: constant current:  
 0°C ~60°C ( ≤ 35kPa),  
 -10°C ~70°C (other ranges);  
 constant voltage: -20°C ~85°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



## PC16 Piezoresistive Silicon Pressure Sensor (Φ 15.8 x 11mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa~0~100kPa...25MPa  
 Input impedance: 2kΩ~5kΩ (constant current);  
 3kΩ~18kΩ (constant voltage)  
 Zero output: ±2mV  
 Span output: 60mV~150mV (1.5mA);  
 100mV ± 2mV (10V)  
 Excitation: 1.5mA (constant current); 10V (constant voltage)  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: constant current:  
 -10°C ~70°C ;  
 constant voltage: -20°C ~85°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



## PC9 Piezoresistive Silicon Pressure Sensor (Φ 19 x 11.5mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...10MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ±2mV  
 Span output: 30mV~60mV (10kPa, 1.5mA);  
 60mV~150mV (other ranges, 1.5mA);  
 60mV ± 2mV (10kPa, 10V);  
 100mV ± 2mV (other ranges, 10V)  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: 0°C ~60°C ( ≤ 35kPa);  
 -10°C ~70°C (other ranges)  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



## PC10D Piezoresistive Silicon Differential Pressure Sensor (Φ 19 x 27.6mm)

Pressure ref.: differential pressure  
 Ranges: 0~10kPa...2.5MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ±2mV  
 Span output: 30mV~60mV (10kPa, 1.5mA);  
 60mV~150mV (other ranges, 1.5mA);  
 60mV ± 2mV (10kPa, 10V);  
 100mV ± 2mV (other ranges, 10V)  
 Excitation: 1.5mA, 10V  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: 0°C ~60°C ( ≤ 35kPa);  
 -10°C ~70°C (other ranges)  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil

## PC13 Piezoresistive Silicon Pressure Sensor (I: Φ 12.6 x 15mm; II : Φ 12.6 x 9mm)

Pressure ref.: absolute pressure, sealed gauge pressure  
 Ranges: 0~1MPa...100MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ±2mV  
 Span output: 60mV~150mV (1.5mA);  
 100mV ± 2mV (10V)  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: -10°C ~70°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil

## P19 High Stability Piezoresistive Silicon Pressure Sensor (Φ 19 x 14mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~7kPa...70MPa  
 Input impedance: 2kΩ~8kΩ;  
 Zero output: ±2mV  
 Span output: 1.5mA excitation: ≥ 50mV,  
 Excitation: constant current: 1.5mA; constant voltage: 10V  
 Accuracy: 0.25%F.S. (typical)  
 Long term stability: ± 0.1%F.S./year  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: constant current:  
 0°C ~60°C ( ≤ 35kPa),  
 -10°C ~70°C (other ranges);  
 constant voltage: -20°C ~85°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



### PC17 (WT17) Piezoresistive Silicon Pressure Sensor (Φ 17 × 5.5mm)

Pressure ref.: gauge pressure, absolute pressure  
 Ranges: 0~10kPa~10MPa  
 Input impedance: 2.5kΩ~4.2kΩ  
 Zero output: ± 30mV  
 Span output: 50mV~90mV (10kPa); 60mV~160mV (other ranges)  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -55°C ~125°C  
 Compensated temp.: None  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



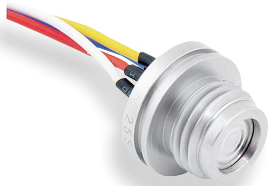
### PCM10 Intelligent Pressure Sensor (Φ 19 × 14mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: 0~35kPa~25MPa  
 Output and excitation: 0.5~4.5V ratio metric (5V); 1°C (3.3V)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: 0°C ~60°C (≤ 35kPa); -10°C ~70°C (other ranges)  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



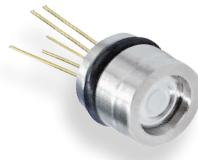
### PC20 Temperature and Pressure Integrated Pressure Sensor (Φ 19 × 14mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa~0~10kPa~100MPa  
 Temp. sensor: PT100, PT1000  
 Input impedance: 2kΩ~5kΩ (constant current); 3kΩ~18kΩ (constant voltage)  
 Zero output: ± 2mV  
 Span output: 30mV~60mV (10kPa, 1.5mA); 60mV~150mV (other ranges, 1.5mA); 60mV ± 2mV (10kPa, 10V); 100mV ± 2mV (other ranges, 10V)  
 Excitation: 1.5mA (constant current); 10V (constant voltage)  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~120°C  
 Compensated temp.: constant current: 0°C ~60°C (< 100kPa), -10°C ~70°C (other ranges); constant voltage: -20°C ~85°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



### PC30 Pressure Sensor with Thread (Φ 12mm)

Pressure ref.: absolute pressure, sealed gauge pressure  
 Ranges: 0~1MPa~100MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ± 2mV  
 Span output: 60mV~150mV  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: -10°C ~70°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



### PC7 Piezoresistive Silicon Pressure Sensor (Φ 10mm)

Pressure ref.: gauge pressure, absolute pressure  
 Ranges: 1MPa~60MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ± 30mV  
 Span output: 60mV~160mV  
 Excitation: 1.5mA/5V  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Without temp. compensation or compensation board exposed  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



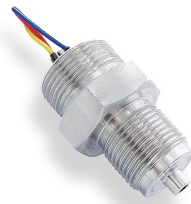
### PC8 Piezoresistive Silicon Pressure Sensor (Φ 15 × 13mm)

Pressure ref.: absolute pressure, sealed gauge pressure  
 Ranges: 0~1MPa~100MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ± 2mV  
 Span output: 60mV~150mV (1.5mA); 100mV ± 2mV (10V)  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C ~25°C  
 Compensated temp.: -10°C ~70°C  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



## X19 Piezoresistive Silicon Pressure Sensor (Φ 19 x 14mm)

Pressure ref.: gauge pressure  
 Measuring medium: clean gas  
 Ranges: 0...250Pa...10kPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ±2mV  
 Span output: ≥30mV  
 Excitation: 1.5mA  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -20°C~85°C  
 Compensated temp.: 0°C~50°C  
 Material: SS316L



## PC11B All-welded Pressure Sensor

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Input impedance: 2.5kΩ~6kΩ  
 Zero output: ±2mV  
 Span output: 1.5mA excitation: ≥40mV (10kPa), 60~150mV (other ranges); 10V excitation: ≥60mV (10kPa), 80~120mV (other ranges)  
 Excitation: 1.5mA, 10VDC  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C~125°C  
 Compensated temp.: -10°C~70°C (≥100kPa) 0°C~60°C (<100kPa)

Housing: SS304  
 Diaphragm: SS316L  
 Filling oil: silicon oil



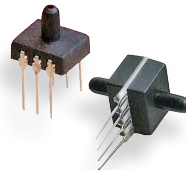
## PC12 Pressure Sensor

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~35kPa...10MPa  
 Input impedance: 2kΩ~5kΩ  
 Zero output: ±2mV  
 Span output: 1.5mA excitation: ≥40mV (≤35kPa); ≥60mV (other ranges);  
 Excitation: 1.5mA, 10VDC  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C~125°C  
 Compensated temp.: 0°C~60°C (≤35kPa); -10°C~70°C (other ranges)  
 Housing and diaphragm: SS316L  
 Filling oil: silicon oil



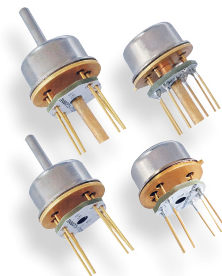
## PC12K Flush Pressure Sensor with Tri Clamp

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa~0~10kPa...10MPa  
 Input impedance: 2kΩ~5kΩ (constant current)  
 Zero output: ±2mV  
 Span output: 1.5mA excitation: ≥40mV (≤35kPa); ≥60mV (other ranges);  
 Excitation: 1.5mA (constant current), 10V (constant voltage)  
 Accuracy: 0.25%F.S. (typical)  
 Operating temp.: -40°C~120°C  
 Compensated temp.: 0°C~60°C (≤70kPa), -10°C~70°C (other ranges)  
 Tri clamp and diaphragm: SS316L  
 Filling oil: silicon oil



## PC24 Simple Piezoresistive Silicon Pressure Sensor

Pressure ref.: gauge pressure, absolute pressure, differential pressure  
 Ranges: 0...100Pa...10kPa  
 Input impedance: 2kΩ~5kΩ  
 Output signal: ≥30mV  
 Excitation: 1.5mA, 5VDC  
 Accuracy: 0.25%F.S. (≥10kPa); 1.5%F.S. (≤2kPa); 1%F.S. (2kPa~10kPa)  
 Operating temp.: 0°C~50°C  
 Compensated temp.: None  
 Housing: plastic



## TO8 Simple Piezoresistive Silicon Pressure Sensor

Pressure ref.: gauge pressure, absolute pressure  
 Ranges: 0~1kPa...1MPa  
 Input impedance: 2kΩ~5kΩ (250Pa~2kPa); 2.5kΩ~3.5kΩ (10kPa~1MPa)  
 Zero output: ±2mV  
 Span output: ≥20mV (≤20kPa); ≥30mV (>20kPa)  
 Excitation: 1.5mA  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -20°C~85°C  
 Compensated temp.: 0°C~50°C



## PC90D Monocrystalline Silicon Differential Pressure Sensor

Pressure ref.: differential pressure  
 Ranges: 6kPa, 40kPa, 100kPa, 250kPa, 1MPa, 3MPa  
 Input impedance: 5kΩ ~ 7kΩ  
 Excitation: constant current, constant voltage  
 Accuracy: 0.1%F.S. (typical)  
 Output voltage: 60~140mV  
 Operating temp.: -40°C ~ 85°C  
 Housing: SS316L  
 Diaphragm: SS316L  
 Filling oil: silicon oil



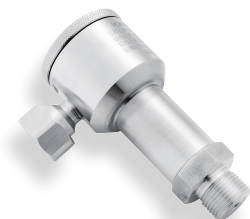
## PCM300 Universal Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Output signal: 4~20mA, 0.5~4.5V, 1~5V, 0~5V  
 Supply: 24VDC, 12VDC, 5VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -40°C ~ 125°C  
 Temp. drift: 1.5%F.S. (-20°C ~ 85°C)  
 Housing: SS304  
 Sensor material: SS316L  
 Electrical connection: DIN43650, cable outlet  
 Protection: IP65



## PCM301 Isolation Explosion-proof Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Output and supply: 4~20mA (16~36VDC); 1~5V, 0~5V (12~36VDC)  
 Accuracy: 0.5%F.S.; 1%F.S.  
 Operating temp.: -20°C ~ 80°C  
 Temp. drift: 1.5%F.S. (-20°C ~ 85°C)  
 Housing: SS304  
 Sensor material: SS316L  
 Electrical connection: cable outlet  
 Protection: IP65  
 Ex-proof: Ex d IIC T6 Gb



## PCM302 Explosion-proof Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~35kPa...100MPa  
 Output signal: 4~20mA, 1~5V, 0~5V  
 Supply: 24VDC, 12VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -40°C ~ 125°C  
 Temp. drift: 1.5%F.S. (-20°C ~ 85°C)  
 Housing: SS304  
 Sensor material: SS316L  
 Protection: IP65



## PCM303 Universal Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Output and supply: 4~20mA, 0~5V, 1~5V, 0~10V, 1~10V (12~30VDC); 0.5~4.5V R/M (5VDC)  
 Accuracy: 2%F.S. (-5~5kPa); 0.5%F.S. (other ranges)  
 Operating temp.: -40°C ~ 125°C  
 Housing: SS304  
 Sensor material: SS316L  
 Protection: IP65



## PCM308 Pressure Transmitter for Hydraulic Industry

Pressure ref.: gauge pressure, absolute pressure  
 Ranges: -100kPa...0~100kPa...60MPa  
 Output signal: 4~20mA, 1~5V, 0~5V, 1~6V, 0~10V, 1~10V  
 Supply: 24V  
 Accuracy: 0.5%F.S.; 1%F.S.  
 Operating temp.: -40°C ~ 85°C  
 Temp. drift: 1.5%F.S. (-20°C ~ 85°C)  
 Housing: SS304  
 Sensor material: SS316L  
 Protection: IP65





### PCM320 Pressure Transmitter for Compressor (Diameter: $\Phi$ 23.5mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 10\text{kPa} \dots 100\text{MPa}$   
 Output and supply: 4~20mA, 0~5V, 0~10V (12~30VDC); 0.5~4.5V R/M (5VDC)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$   
 Temp. drift: 1.5%F.S. ( $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$ )  
 Housing: SS304  
 Sensor material: SS316L  
 Protection: IP65



### PCM340 Non-cavity Flush Pressure Transmitter

Pressure ref.: gauge pressure  
 Ranges:  $0 \sim 1.6\text{MPa} \dots 150\text{MPa}$   
 Output and supply: 4~20mA, 1~5V, 0~5V (9~30VDC); 0~10V (12~30VDC)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ,  $-40^{\circ}\text{C} \sim 120^{\circ}\text{C}$  optional  
 Temp. drift: 1.5%F.S. ( $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$ )  
 Housing: SS17-4PH  
 Protection: IP65



### PCM350 Flush Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 35\text{kPa} \dots 10\text{MPa}$   
 Output signal: 4~20mA, 0.5~4.5V, 1~5V, 0~5V  
 Supply: 24VDC, 12VDC, 5VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Temp. drift: 1.5%F.S. ( $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$ )  
 Housing: SS304  
 Wetted part: SS316L  
 Filling oil: M20  
 Electrical connection: DIN43650  
 Protection: IP65



### PCM350K Flush Pressure Transmitter with Tri Clamp

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 35\text{kPa} \dots 10\text{MPa}$   
 Output signal: 4~20mA, 0.5~4.5V, 1~5V, 0~5V  
 Supply: 24VDC, 12VDC, 5VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$   
 Temp. drift: 1.5%F.S. ( $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$ )  
 Housing: SS304  
 Wetted part: SS316L  
 Filling oil: M20  
 Protection: IP65



### PCM351 Flush Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 100\text{kPa} \dots 6\text{MPa}$   
 Output signal: 4~20mA, 0~5V, 0.5~4.5V  
 Supply: 5V, 12V, 24V  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$   
 Compensated temp.:  $-20 \sim 85^{\circ}\text{C}$   
 Electrical connection: M12  
 Sensor material: SS316L  
 Protection: IP65



### PCM3701 Urea Dosing Pump Pressure Transmitter

Pressure ref.: absolute pressure  
 Ranges: 12Bar  
 Supply: 4.75~5.25V  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40 \sim 105^{\circ}\text{C}$   
 Compensated temp.:  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$   
 Temp. drift: 2%F.S. (typical)  
 Housing: plastic  
 Protection: IP65



## PCM390 Universal Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 35\text{kPa} \dots 10\text{MPa}$   
 Output and supply: 4~20mA, 0~5V, 1~5V, 1~6V (9~30VDC); 0.5~4.5V R/M (5VDC); 0~10V, 1~10V (12~30VDC)  
 Accuracy: 0.5%F.S.; 1%F.S.  
 Operating temp.:  $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$   
 Medium temp.:  $-30^{\circ}\text{C} \sim 105^{\circ}\text{C}$   
 Housing: SS304  
 Wetted part: SS316L  
 Protection: IP65



## PCM400 Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 20\text{kPa} \dots 100\text{MPa}$   
 Output and supply: 4~20mA (18~36V); 4~20mA with display (12~36V); 1~5V, 0~5V, 0.5~4.5V, 0~10V (12~32V)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Medium temp.:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Housing: low copper aluminum alloy  
 Diaphragm: SS316L  
 Protection: IP65  
 Ex-proof: Ex d IIB T6 Gb



## PCM450 Flush Pressure Transmitter with Flange

Pressure ref.: gauge pressure, absolute pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 0.2\text{kPa} \dots 10\text{MPa}$   
 Output and supply: 4~20mA, 4~20mA+HART (24V)  
 Accuracy: 0.3%F.S.; 0.5%F.S.  
 Operating temp.:  $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ ;  $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$  (with LCD)  
 Temp. drift: 1%F.S./55°C  
 Housing: Die-casting aluminum epoxy resin coating  
 Sensor material: SS316L  
 Filling oil: silicon oil  
 Flange: DN25, DN50, DN80  
 Protection: IP65



## PCM3051S Intelligent Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, differential pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 0.2\text{kPa} \dots 3\text{MPa}$   
 Output and supply: 4~20mA, 4~20mA+HART (10.5V~36V, 24V typical)  
 Accuracy: 0.075%F.S.; 0.1%F.S.; 0.2%F.S.  
 Operating temp.:  $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$ ;  $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$  (with LCD)  
 Medium temp.:  $-40^{\circ}\text{C} \sim 104^{\circ}\text{C}$   
 Storage temp.:  $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Housing: Die-casting aluminum epoxy resin coating  
 Filling oil: silicon oil  
 Protection: IP65  
 Ex-proof: Ex d IIB T6 Gb



## PCM3051T-GP Intelligent Pressure Transmitter

Pressure ref.: gauge pressure  
 Ranges:  $-100\text{kPa} \dots 0 \sim 10\text{kPa} \dots 60000\text{kPa}$   
 Output signal: 4~20mA, 4~20mA+HART  
 Supply: 24VDC  
 Accuracy: 0.1%F.S.; 0.2%F.S.; 0.3%F.S.; 0.5%F.S.  
 Operating temp.:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Housing: low copper aluminum alloy  
 Diaphragm: SS316L  
 Protection: IP65  
 Ex-proof: Ex d IIB T6 Gb



## PCM260 Pressure/Level Transmitter

Pressure ref.: gauge pressure  
 Ranges:  $0 \sim 0.5\text{m} \dots 20\text{m H}_2\text{O}$   
 Output and supply: 4~20mA (18~36V); 4~20mA with display (12~36V); 1~5V, 0~5V, 0.5~4.5V, 0~10V (12~32V)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$   
 Temp. drift: 1.5%F.S. (within compensated temp.)  
 Medium temp.:  $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$   
 Housing: SS304, SS316L  
 Sensor material: SS316L  
 Electrical connection: 2088 housing, 2088 housing with display, cable outlet  
 Protection: IP65



### PCM262 Submersible Level Transmitter

Pressure ref.: gauge pressure  
 Ranges: 0~0.5m...20m H<sub>2</sub>O  
 Output signal: 4~20mA  
 Supply: 24VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -20°C ~85°C  
 Medium temp.: -20°C ~100°C  
 Housing: SS304, SS316L  
 Sensor material: SS316L  
 Protection: IP68



### PCM266 Intelligent Level Transmitter (Φ 26.5mm)

Pressure ref.: gauge pressure  
 Ranges: 0~0.5m...20m H<sub>2</sub>O  
 Output signal: 4~20mA+HART  
 Supply: 24VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -20°C ~85°C  
 Temp. drift: 1%F.S. (0°C ~85°C)  
 Medium temp.: 0°C ~100°C  
 Housing: SS316L  
 Sensor material: SS316L  
 Protection: IP68



### PCM269 Small Diameter Level Transmitter (Φ 15.8mm)

Pressure ref.: gauge pressure  
 Ranges: 0~1m...20m H<sub>2</sub>O  
 Output signal: 4~20mA  
 Supply: 24VDC  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -20°C ~85°C  
 Temp. drift: 1.5%F.S. (0°C ~85°C)  
 Medium temp.: -20°C ~85°C  
 Housing: SS316L  
 Sensor material: SS316L  
 Protection: IP68



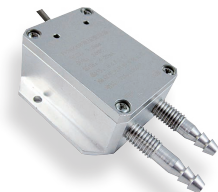
### PCM560 Digital Pressure Gauge (Φ 60mm)

Pressure ref.: gauge pressure, sealed gauge pressure  
 Ranges: 0~160kPa...25MPa  
 Supply: 2 Triple A batteries  
 Accuracy: 1%F.S. (typical)  
 Operating temp.: -10°C ~70°C  
 Electrical protection: anti-electromagnetic interference design  
 Over pressure: 150%F.S.  
 Housing: SS304  
 Diaphragm: SS316L



### PCM580 Digital Pressure Gauge (Φ 80mm)

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: -100kPa...0~10kPa...100MPa  
 Supply: 2 Triple A batteries  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -10°C ~70°C  
 Electrical protection: anti-electromagnetic interference design  
 Over pressure: 150%F.S.  
 Housing: SS304  
 Diaphragm: SS316L



### PCM600 Differential Pressure Transmitter

Pressure ref.: differential pressure  
 Ranges: 0~250Pa...100kPa  
 Output and supply: 4~20mA (16~36V)  
 Accuracy: 100Pa, 250Pa: 3%F.S.; 500Pa, 1kPa, 2kPa: 2%F.S.; 5kPa, 7kPa, 10kPa: 1.5%F.S.; 10kPa~100kPa: 0.5%F.S.  
 Operating temp.: -10°C ~60°C  
 Zero temp. drift: 2.5%F.S. (0°C ~50°C)  
 Span temp. drift: 3%F.S. (0°C ~50°C)  
 Housing: stainless steel aluminium alloy  
 Electrical connection: cable outlet  
 Protection: IP65



### PCM610 Differential Pressure Transmitter

Ranges: 0~10kPa...2.5MPa  
 Output and supply: 4~20mA(16~36VDC); 1~5V, 0~5V(12~36VDC)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -10°C ~70°C  
 Temp. drift: 1.5%F.S. (-10°C ~70°C )  
 Housing: SS304  
 Sensor material: SS316L  
 Filling oil: silicon oil  
 Protection: IP65



### PCM1350 Flush Pressure Transmitter

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges for the tri-clamp type: -100~10Kpa~2.5Mpa  
 Ranges for the thread type: -100~10Kpa~60Mpa  
 Output signal: 4~20mA, 0~5V, 0.5~4.5V  
 Supply: 5V, 12V, 24V  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.: -40°C ~125°C  
 Compensated temp.: -20~85°C  
 Electrical connection: DIN43650  
 Sensor material: SS316L  
 Protection: IP65



### PCM1610 Monocrystalline Silicon Differential Pressure Transmitter

Ranges: 0~2kPa...3MPa  
 Supply: 10~28VDC  
 Output signal: 4~20mA+RS485  
 Operating temp.: -40~85°C  
 Storage temperature: -40°C ~125°C  
 Accuracy: 0.2%F.S. (-20~80°C )  
 Housing: stainless steel  
 Protection: IP65



### PCM639 Differential Pressure Transmitter with Double Sensors

Pressure ref.: absolute pressure  
 Ranges: 0~100MPa  
 Supply: 12~30V  
 Output signal: 4~20mA  
 Operating temp.: -25°C ~80°C  
 Storage temperature: -40°C ~100°C  
 Accuracy: 0.1%F.S. (typical)  
 Temp. drift: 1.5%F.S. (typical)  
 Housing: SS304  
 Protection: IP65



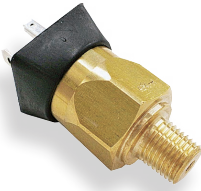
### PCM710 Intelligent Pressure Switch

Pressure ref.: gauge pressure, absolute pressure, sealed gauge pressure  
 Ranges: 0~10kPa...100MPa  
 Over pressure: 150~300%F.S.  
 Supply: 12~30V (typical 24V)  
 Display mode: 4 digital OLED display  
 Output signal: PNP, NPN  
 Operating temp.: -25°C ~80°C  
 Storage temperature: -40°C ~100°C  
 Load capacity: ≤ 24V 1.2A  
 Accuracy: 0.2%F.S.; 0.5%F.S.  
 Housing: SS304  
 Diaphragm: SS316L  
 Protection: IP65



### PCT710 Intelligent Temperature Switch

Ranges: -50°C ~150°C  
 Setting range: increasing or decreasing, 0.1 °C resolution  
 Accuracy: 0.5%F.S. (typical)  
 Resolution: 0.1 °C  
 Over pressure: 300bar  
 Working voltage: 12~30V  
 No-load current: ≤ 12mA  
 Switch load current: ≤ 1.2A  
 Analog load resistance: 4~20mA: ≤ 500Ω @24V  
 Display mode: 4 digital OLED display  
 Sensor: PT100  
 Operating temp.: -20°C ~80°C  
 Protection: IP65



## APA Pressure Switch

Adjustment range: 3~150PSI  
 Accuracy:  $\pm 2\%$  of full set point range at 21°C  
 Maximum overpressure: 350PSI (24Bar)  
 Protection: IP00 (exposed terminal),  
 IP65 (DIN HC),  
 IP69 (flying leads, M12, Deutsch integral)  
 Diaphragm: Buna-N (optional EPDM, KAPTON® or VITON®)  
 Housing: brass (optional electroless nickel plated steel or 316 stainless steel)  
 Mechanical life: 1,000,000 cycles



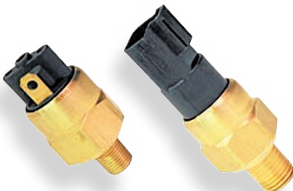
## BPA Pressure Switch

Adjustment range: 5~6000PSI  
 Maximum overpressure: 9000PSI static pressure; 7500PSI dynamic pressure  
 Protection: IP00 (exposed terminal),  
 IP65 (DIN HC),  
 IP69 (flying leads, M12, Deutsch integral)  
 Diaphragm: Buna-N (optional EPDM, KAPTON®, VITON® or low temperature nitrile)  
 Housing: galvanized steel (optional electroless nickel plated steel or 316 stainless steel)  
 Mechanical life: 1,000,000 cycles



## EPA Pressure Switch

Adjustment range: 1.5~6000PSI  
 Maximum overpressure: 9000PSI  
 Protection: IP00 (exposed terminal),  
 IP69 (flying leads, Deutsch integral)  
 Diaphragm: Buna-N (optional EPDM, KAPTON®, VITON® or low temperature nitrile)  
 Housing: galvanized steel (optional electroless nickel plated steel or 316 stainless steel)  
 Mechanical life: 1,000,000 cycles



## PMA Pressure Switch

Adjustment range: 2~150PSI  
 Maximum overpressure: 350PSI  
 Protection: IP00 (exposed terminal),  
 IP69 (flying leads, Deutsch integral)  
 Diaphragm: Buna-N (optional EPDM, KAPTON® or VITON®)  
 Housing: brass (optional electroless nickel plated steel or 316 stainless steel)  
 Mechanical life: 1,000,000 cycles



## PCT120 Armored Temperature Sensor

Ranges:  $-50^{\circ}\text{C}$  ~  $250^{\circ}\text{C}$   
 Graduation: PT100, PT1000  
 Accuracy: 0.5%F.S. (typical)  
 Insertion diameter:  $\Phi 6$ ,  $\Phi 8$   
 Protection: IP65  
 Ex-proof: Ex ia IIC T6 Ga



## PCT200E1 Temperature Transmitter

Ranges:  $-50^{\circ}\text{C}$  ~  $250^{\circ}\text{C}$   
 Output and supply: 4~20mA (16~36VDC)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-10^{\circ}\text{C}$  ~  $70^{\circ}\text{C}$   
 Insertion diameter:  $\Phi 8$   
 Protection: IP65  
 Ex-proof: Ex ia IIC T6 Ga





## PCT202 Temperature Transmitter with Movable Connector

Ranges:  $-50^{\circ}\text{C}$  ~  $250^{\circ}\text{C}$   
 Output and supply: 4~20mA (16~36VDC)  
 Accuracy: 0.5%F.S. (typical)  
 Operating temp.:  $-40^{\circ}\text{C}$  ~  $85^{\circ}\text{C}$   
 Insertion diameter:  $\Phi 8$   
 Protection: IP65  
 Ex-proof: Ex ia IIC T6 Ga



## PCT220 Armored Explosion-proof Temperature Transmitter

Ranges:  $-50^{\circ}\text{C}$  ~  $250^{\circ}\text{C}$   
 Output signal: 4~20mA  
 Supply: 24VDC  
 Accuracy: 0.5%F.S. (typical)  
 Insertion diameter:  $\Phi 8$   
 Housing: SS304  
 Protection: IP65  
 Ex-proof: Ex ia IIC T6 Ga



## PCT380 Smart Temperature Transmitter

Accuracy: 0.1%F.S. (typical)  
 Supply: 12~40V  
 Input signal: RTD, thermocouple, resistance or voltage  
 Output signal: 4~20mA, 1~5V  
 Digital communication: HART protocol  
 Response time:  $\leq 1\text{s}$   
 Operating temp.:  $-40^{\circ}\text{C}$  ~  $85^{\circ}\text{C}$   
 Circuit limit:  $\leq 22\text{mA}$   
 Cold junction compensation: build-in  
 Configuration: PAD or PC



## PCL Integrated Electromagnetic Flow Meter

Basic error:  $\pm 0.2\%$ ,  $\pm 0.5\%$   
 Diameter: DN15~DN2400(mm)  
 Flange: comply with GB9119, carbon steel (stainless steel optional)  
 Pressure level: DN15~DN600 1.0, 1.6, 2.5, 4.0MPa; DN700~DN2400 0.6, 1.0, 1.6MPa  
 Lining material: PTFE, PU, CR, PFA, F46, IR  
 Conductivity:  $\geq 5\mu\text{S/cm}$  (standard)  
 Electrode: 316L, Hastelloy, titanium, tantalum, platinum iridium alloy  
 Protection: IP65, IP67  
 Medium temp.:  $-25^{\circ}\text{C}$  ~  $80^{\circ}\text{C}$   
 Repetition: 0.1%F.S.; 0.25%F.S.  
 Analog output error:  $\pm 0.02\text{mA}$   
 Output: 4~20mA, pulse, RS485, HART, Profibus-PA



## PCL Divided Electromagnetic Flow Meter

Basic error:  $\pm 0.2\%$ ,  $\pm 0.5\%$   
 Diameter: DN15~DN2400(mm)  
 Flange: comply with GB9119, carbon steel (stainless steel optional)  
 Pressure level: DN15~DN600 1.0, 1.6, 2.5, 4.0MPa; DN700~DN2400 0.6, 1.0, 1.6MPa  
 Lining material: PTFE, PU, CR, PFA, F46, IR  
 Conductivity:  $\geq 5\mu\text{S/cm}$  (standard)  
 Electrode: 316L, Hastelloy, titanium, tantalum, platinum iridium alloy  
 Protection: IP67 (IP68 optional for sensor)  
 Medium temp.:  $-25^{\circ}\text{C}$  ~  $180^{\circ}\text{C}$  (lining material as the reference)  
 Repetition: 0.1%F.S.; 0.25%F.S.  
 Analog output error:  $\pm 0.02\text{mA}$   
 Output: 4~20mA, pulse, RS485, HART, Profibus-PA



## PCL Battery Type Electromagnetic Flow Meter

Basic error: 0.2%F.S.; 0.5%F.S.  
 Diameter: DN15~DN600(mm)  
 Flange: comply with GB9119, carbon steel (stainless steel optional)  
 Pressure level: DN15~DN600 1.0, 1.6, 2.5, 4.0MPa  
 Lining material: PTFE, PU, CR, PFA, F46, IR  
 Conductivity:  $\geq 5\mu\text{S/cm}$  (standard)  
 Electrode: 316L, Hastelloy, titanium, tantalum, platinum iridium alloy  
 Protection: IP68  
 Medium temp.:  $-25^{\circ}\text{C}$  ~  $80^{\circ}\text{C}$  (lining material as the reference)  
 Repetition: 0.1%F.S.; 0.25%F.S.  
 Analog output error:  $\pm 0.02\text{mA}$   
 Output: 4~20mA, pulse, RS485, HART, Profibus-PA