

Pressure Sensors

From wafers to sensors to transmitters to complete detector, Winsen pressure products cover the entire industry chain and fully meet customer's needs.

Silicon Resonance



SOI High-Temperature Chip



Strain Gauge



Pressure Sensor



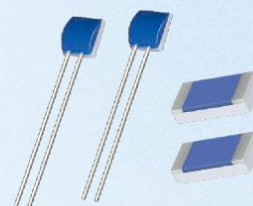
WPAH31



WPAK63



WPAS08



PT1000-C



Gas Safety



Smart Fire Protection



Computing Centers



Smart City



Industrial Safety



Smart Home

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Pressure Transmitter



Type	WPCCK04
Pressure Range	-100kPa~0~10kPa...100MPa
Output	Current/ Voltage/ IIC
Accuracy	±0.5%FS
Low Consumption	Standby Current<100nA



Type	WPCCK07
Pressure Range	-100kPa~0~10kPa...100MPa
Power Supply	3.3V-5.5VDC
Output	Current/ Voltage/ I ² C
Accuracy	±0.5%FS



Type	WPCCK81
Detection Range	0~1m...5m...200mH ₂ O
Output	4-20mA; RS485
Response Time	≤1ms
Lifespan	≥1×10 ⁶ Pressure Cycle



Type	WPCCK88
Pressure Range	0~5/16/25mPa
Accuracy	0.5%FS
Hysteresis/Repeatability	0.1%FS
Temperature Drift	±2.5%FS (-20℃~85℃)

Temperature Transmitter



Type	WPCW05
Pressure Range	-20-80℃, 0-100%RH
Accuracy	±0.5℃, ±3%RH
Output	4~20mA, RS485
Waterproof Rating	IP65
Working Temperature	-20-60℃

Pressure Transmitter



Type	WPCCK16
Pressure Range	-100kPa~0~10kPa...100MPa
Output	4~20mA(Default) IIC、RS485
Accuracy	±0.5%FS (>35kPa) <±1%FS (≤35kPa)
Temperature Drift	±2%FS