

PS-2201 Ultra-sensitive Air Pressure Detector

P ● S ● N I C[®]

PS-2201 is a sophisticated high performance air pressure detector, with compact size and streamlined design is ideal for the security application. This detector can detect very small pressure change of air and gas which are hardly detected by conventional sensors. It can be used to detect the opening or closing of doors at well sealed room. Unlike traditional PIR motion detector, its sensitivity cannot be affected by environmental temperature. Thus false alarm is very limited compared with PIR detector.



Features

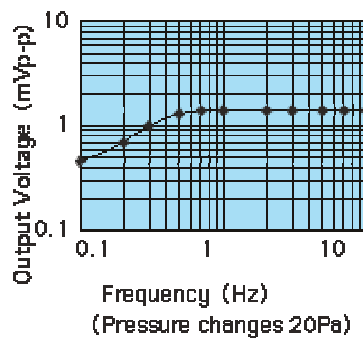
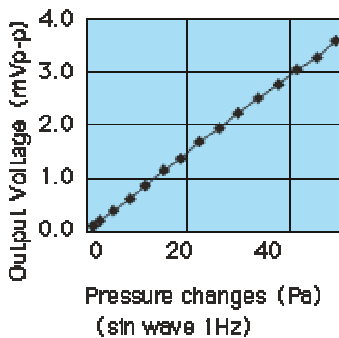
- Ultra sensitive
- 3D Detection
- Sound and Vibration do not detect
- No installation height limit
- Fire resistant case
- Metal shield High density SMD design

Applications

- Suitable for bank's treasury or general applications.
- Tidy installation, replace many magnetic switches for doors/windows



Sensitivity against pressure change and frequency:



Specification

Model	PS-2201
Sensor	Low noise, high sensitivity, air pressure sensor
Startup Time	60 seconds after power up
Detection of Pressure Change	1 Pa to 100 kPa
Detection Range	500 M ³
Installation Height	Any height
Alarm Indication	Blue LED constant light 3 seconds (can be disabled)
Alarm Output	N.C., rating 28Vdc 0.15A (Optional N.O.)
Anti-Tamper Switch	N.C., opens when cover removed, rating 0.15A, 28Vdc
Anti RFI	10V/m (80-1000MHz)
Power Input	9-16Vdc, 18mA
Operating Temperature	-10°C~50°C
Operating Humidity	95%
Net Weight/Shipping Weight	105g/116g
Size	66×105×48mm (WxHxD)