

PW-300P Series

Addressable Photoelectric Smoke Detector



Intelligent/Addressable Devices

General

Protectwell PW-300P Series intelligent plug-in smoke detectors with integral communication provide features that surpass conventional detectors. Detector sensitivity can be programmed in the control panel software. Sensitivity is continuously monitored and reported to the panel.

Point ID capability allows each detector's address to be set with decade address by manual rotating coding, providing exact detector location for selective maintenance when chamber contamination reaches an unacceptable level.

The PW-300P photoelectric detector's unique optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources. The PW-300P detectors should be compatible with Protectwell intelligent Fire Alarm Control Panels (FACP).



Features

- Listed to UL 268.
- One Sleek, low-profile design.
- Stable communication technique with noise immunity.
- Low standby current.
- Two-wire SLC connection.
- Dual LED design provides 360° viewing angle.
- 360°-field viewing angle of the visual alarm indicators (two bi-color LEDs). LEDs blink green in Normal condition and turn on steady red in Alarm.
- Built-in functional test switch activated by external magnet.
- Built-in tamper-resistant feature.
- Sealed against back pressure.
- Designed to commercial standards, and offers an attractive appearance.
- Optional, isolator, and sounder bases.

PW-300P Intelligent Photoelectric Smoke Detector

- ❖ **Operated Humidity Range:** 10% - 95% RH, non-condensation
- ❖ **Operated Voltage Range:** 15 - 32 VDC
- ❖ **Average Monitor Current:** 360 μ A @ 24VDC (Communicate every 5 seconds and flash the LED)
- ❖ **Maximum Alarm Current:** 6.5mA @ 24VDC (LED Flashes)
- ❖ **Certification:** FM, UL & CCCF

Technical Parameters

- ❖ **Diameter:** 4.1" (102mm) (With base)
- ❖ **Height:** 2.0" (51mm)(With base)
- ❖ **Weight:** 147g (5.2 Ounce) (With base)
- ❖ **Operated Temperature Range:** -10 °C - 55°C (14 °F -131°F)

Product Line Information

JTY-GD-PW-300DP: Intelligent Photoelectric Smoke Detector.

PW-300P: Intelligent Photoelectric Smoke Detector

PW-300APT: Intelligent Photoelectric Smoke Detector includes Integral Heat Detector

PW-300PT: Intelligent Photoelectric Smoke Detector includes Integral Heat Detector

PW-300I: Intelligent Ionization Detector

P301BH: Sounder Base for Intelligent Detectors

B501: Base for Intelligent Detectors



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

For more information, contact Protectwell. www.Protectwell.com.cn

