# XP95 Optical Smoke Detector

| Product reference | |
|---|---|
| Part No. | 55000-620APO |
| Manufacturer | Apollo |




## Key product facts

01 · Detection method
Photo-electric light scattering.

02 · Supply voltage
17 to 28V dc

03 · Operating temperature
-20 to 60°C

## Product overview

The XP95 Optical Smoke Detector uses the light scatter principle to quickly and effectively detect a range of slow burning and smouldering fires.

## Key features

- Reliable fire detection in areas with a wide temperature range from -20°C to +60°C.
- Ideal for escape routes.
- Unaffected by wind and atmospheric pressure.
- Observe the stated operating temperature and humidity limits; no condensation or icing.

## Installation & compatibility

- Mounting-base selection and installation: refer to the manufacturer's XP95/Discovery Mounting Bases Installation Guide.

## Technical specifications

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| Manufacturer Article Number | 55000-620APO | Protocol waveform voltage (peak to peak) | 5 to 9V peak to peak |
| Fire Type | Slow burning, smouldering fires | Power-up surge current | 1mA |
| Colour | White | Maximum power-up time | 4 seconds |
| Weight | 105g | Status indicator – Alarm | Red |
| Materials housing | Polycarbonate | Quiescent current | 340µA |
| Materials terminals | Nickel plated stainless steel | Supply voltage | 17 to 28V dc |
| Product length | 42mm | Sampling frequency | Once per second |
| Product diameter | 100mm | Humidity | 0% to 95% (no condensation or icing) |
| Detection method | Photo-electric light scattering. | Operating temperature | -20 to 60°C |
| Analogue value | 25 +7/-7 | Storage temperature | -30 to 80°C |
| Alarm level analogue value | 55 | Effect of wind speed | None |