

# XP95 Optical Smoke Detector

*For Apollo XP95 Protocol Analogue Addressable Control Panels*



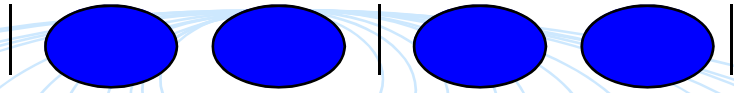
## Key Features

- ◆ Ideal for use with Control Equipment's Apollo XP95 protocol analogue addressable control panels
- ◆ Designed to meet approvals world-wide
- ◆ Alarm flag for fast alarm reporting
- ◆ Alarm address for fast location of alarm
- ◆ Automatic addressing with the patented XPERT card
- ◆ Electronics-free base
- ◆ Slide-easy base
- ◆ Ease of installation
- ◆ Elegant design and a sleek shape - pure white polycarbonate finish

From the UK's leading control panel manufacturer



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## Introduction

The XP95 detector range comprises of ionisation and optical smoke detectors, two options of heat detector as well as a multisensor detector, all with enhanced performance, high reliability and an elegant shape. A manual call point, isolator, loop sounder and a wide range of other compatible products are also available.

The XP95 optical smoke detector incorporates an internal pulsing LED and a photo-diode at an obtuse angle. In clear air conditions the photo-diode receives no light from the LED and produces a corresponding analogue signal. When smoke enters the chamber it scatters light onto the photo-diode, increasing the signal transmitted to the control equipment. The detector is distinguished from the ionisation smoke detector by having a clear LED in quiescent state which emits red light when the detector is in alarm.

## Technical Specifications

<b>Size of Detector:</b>	42mm high x 100mm diameter
<b>Size of Detector in Base:</b>	50mm high x 100mm diameter
<b>Supply Voltage:</b>	17-28V DC
<b>Quiescent Current:</b>	340 $\mu$ A
<b>Alarm Current:</b>	4mA
<b>Alarm Indication:</b>	Clear LED, red in alarm

## Part Numbers

<b>2501/023</b>	XP95 Optical Smoke Detector (55000-600)
<b>2501/020</b>	XP95 Detector base (45681-210)

From the UK's leading control panel manufacturer

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