

# XP95 Ionisation Smoke Detector

*For Apollo XP95 Protocol Analogue Addressable Control Panels*



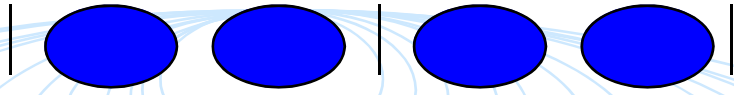
## Key Features

- ◆ 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 sensing part of the XP95 ionisation detector consists of two chambers - an open, outer chamber and a semi-sealed reference chamber within. Air in the dual sensing chambers is irradiated to produce ions that travel to the positive and negative electrodes, creating a current flow. As smoke enters the detector, it causes a reduction of the current flow in the outer chamber and hence an increase in the voltage. The voltage is measured and an analogue signal is converted to digital for transmission to the control equipment. Pre-alarm or fire alarm is instigated by the micro-processor when smoke density increases to pre-set levels. An external visible LED will light up when the detector changes to alarm state.

## 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>	280 $\mu$ A
<b>Alarm Current:</b>	2mA
<b>Alarm Indication:</b>	Red LED

## Part Numbers

<b>2501/022</b>	XP95 Ionisation Smoke Detector (55000-500)
<b>2501/020</b>	XP95 Detector base (45681-210)

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XP95ionSL/rev0/08.02