

The logo for XP95, featuring a series of five white dots of increasing size to the left of the text 'XP95' in a bold, pink, sans-serif font.

The XP95 range of analogue addressable fire detectors combines proven design with performance resulting in unique features that benefit the installer and end user.

The range features smoke detectors (optical and ionisation), standard and high temperature heat detectors and a multisensor.

Beam detectors, flame detectors, manual call points, audio visual signalling devices, interface units and isolators complete the range. XP95 has a 'central intelligence' system where all the decisions are made by the fire control panel. Apollo has used an open protocol since 1986 and has

ensured backward compatibility when developing new products. An open protocol system allows freedom of choice for the fire system specifier, installer and end user. A system using a digital communication protocol has a high immunity from corruption and is therefore often preferred in a large system where life safety is critical. XP95 is suitable for medium to large applications with simple installation requirements.



XP95 RANGE

Find out more information at:
apollo-fire.co.uk/xp95

KEY FEATURES OF XP95 INCLUDE:

Alarm flag for fast alarm reporting

Alarm address for fast location of alarm

XPERT 7 Card addressing

Electronics-free base

Easy installation

Elegant design



Note: For approvals of individual detectors refer to the appropriate data sheet.

Optical Smoke Detector



The XP95 Optical Smoke Detector works using the light scatter principle and is ideal for applications where slow-burning or smouldering fires are likely.

Responds well to slow-burning, smouldering fires

Well-suited to bedrooms and escape routes

Unaffected by wind or atmospheric pressure

55000-600
XP95 Optical Smoke Detector

55000-620
XP95 Optical Smoke Detector (VdS)

55000-660
XP95 Optical Smoke Detector (black)

Optical/Heat Multisensor Detector



The XP95 Optical/Heat Multisensor Detector contains an optical smoke sensor and a thermistor temperature sensor whose outputs are combined to give the final analogue value.

Sensitive to a wide range of fires

Well-suited to environments such as hotel bedrooms

Unaffected by wind or atmospheric pressure

55000-885
XP95 Optical/Heat Multisensor Detector

Heat Detector



The XP95 Heat Detector monitors temperature by using a single thermistor which provides a count output proportional to the external air temperature. The XP95 range features two heat detectors, standard and high temperature. The standard heat detector is classified as an A2S device and will report an alarm at 55°C. The high temperature detector, classified as a CS device, will report an alarm at 90°C.

Ideal in environments that are dirty or smoky under normal conditions

Well-suited to warehouses, loading bays and car parks

Unaffected by wind or atmospheric pressure

55000-400
XP95 Heat Detector A2S

55000-420
XP95 Heat Detector A2S (VdS)

55000-401
XP95 Heat Detector CS

Ionisation Smoke Detector



The XP95 Ionisation Smoke Detector uses a low activity radioactive foil to detect fires by irradiating the air in the smoke chambers and causing a current flow. If smoke enters the chamber, the current flow is reduced leading to an alarm.

Responds well to fast-burning, flaming fires

Designed to operate in a variety of environments

Minimal effects from temperature, humidity, atmospheric pressure

Well-protected against electromagnetic interference over a wide frequency range

55000-500
XP95 Ionisation Smoke Detector

55000-520
XP95 Ionisation Smoke Detector (VdS)

Intelligent Mounting Base



All detectors in the XP95 range fit the Intelligent Mounting Base. The mounting base is a low insertion force base with stainless steel contacts for the detector terminals. Cards are supplied with all XPERT 7 Mounting Bases.

XPERT 7 Card addressing

One-way fit of detector

Locking feature to prevent unauthorised removal

45681-210
Intelligent Mounting Base

45681-361
Intelligent Mounting Base (black)

Intelligent Deep Base



The Intelligent Deep Base is a mounting base for XP95 products which has an increased depth allowing for cables to be inserted from the side.

Enables surface wiring

XPERT 7 Card addressing

Locking feature to prevent unauthorised detector removal

45681-209
Intelligent Deep Base

Intelligent Low Power Relay Base



The Intelligent Low Power Relay Base incorporates a low power relay to control field equipment.

Provides a set of voltage-free contracts controlled by the remote output of a detector

Draws negligible current

Capable to switching up to 30V at 1A

45681-242
Intelligent Low Power Relay Base

Intelligent Heater Base



The Intelligent Heater Base is designed to be used in cold climates where environmental conditions could result in either icing or condensation affecting the operation of detectors. It is recommended that the heater base be used in conjunction with either a Waterproof Base Cover or Deckhead Mounting Box to minimise moisture ingress.

Raises the ambient temperature of a detector chamber by approximately 10°C

Limits the risk for loss of functionality caused to detectors installed in cold conditions

45681-219
Intelligent Heater Base

45681-519
Waterproof Base Cover

45681-217
Deckhead Mounting Box

Isolating Base



The new style Isolating Base senses and detects short-circuit faults on XP95 loops and spurs.

Up to 20 detectors, or their equivalent load, may be installed between isolating bases

High-brightness LED

45681-284
Isolating Base

Isolator



The Isolator is placed at intervals on the loop and ensures that, in the case of a short-circuit, only the section between the isolators will be affected. When the short-circuit is removed, the isolators automatically restore power and data to the isolated section.

Detects wiring short-circuits using patented technology

Minimises disruption from short-circuits

Automatic deisolation on short-circuit removal

Up to 20 detectors, or their equivalent load, may be installed between isolators

55000-720
Isolator

Isolator Base



The Isolator Base is unique and designed to only accept the Isolator 55000-720.

45681-211
Isolator Base

MiniDisc Remote Indicator



The MiniDisc Remote Indicator is a lightweight, compact red LED indicator for use in fire detection systems.

Can be used across the entire Apollo range

Small and discreet

Anti-tamper screw to protect against unauthorised removal

53832-070

MiniDisc Remote Indicator

XPERT 7 Card



XPERT 7 Cards are supplied with all XPERT 7 Mounting Bases. Using a coding guide pips are removed to set the address of the inserted detector.

Simplifies and speeds up installation and commissioning

Uses patented, proven technology

Address remains the same, no matter how often detectors are replaced

Flexibility to create any address

38531-771

Blank XPERT 7 Card

45682-127

Pre-Addressed XPERT 7 Cards