

# Apollo XP95 Optical Smoke Detector

Part No. **55000-600APO**



## Overview

Fully compatible with C-TEC's XFP&ZFP XP95/Discovery Addressable Fire Panels.

Works using the light scatter principle.

Responds well to slow-burning, smouldering fires.

Well-suited for bedrooms and escape routes.

Red LED illuminates when the detector is in alarm.

Certified to EN54-7 by the LPCB.

Requires a 45681-210APO standard base or 45681-242APO low power relay base.

'Xpert' card addressed for speedy installation.

## Technical Specifications

Approvals/certifications	Certified to EN54-7 by the LPCB.
Compatibility	Compatible with C-TEC's XFP/ZFP XP95/Discovery Addressable Fire Panels.
Application/operation	Generates an alarm when it detects a pre-set threshold of smoke penetration in its smoke chamber. Provides a very good response to overheating/thermal combustion and a good response to smouldering/glowing/flaming combustion & flaming with high heat.
Application temperature	n/a
Static response temperature	n/a
Sensitivity	Nominal alarm threshold of 2.4% light grey smoke obscuration per metre.
Supply wiring	2-wire, polarity insensitive.
Supply/operating voltage	17 to 28V DC.
Quiescent current	340µA average; 600µA peak.
Alarm current	2mA (LED illuminated).
Indicators	Clear LED emitting red light when in alarm.



Connections	L1&L2 supply in/out; +R remote LED +Ve connection; -R remote LED -Ve connection. (4mA remote LED current @ 5V measured across remote load).
Product dimensions (mm)	100mm diameter x 42 mm H (not in base). 50mm height when in base.
Construction & finish	White polycarbonate V.O rated rated to UL94. Stainless steel terminals.
IP Rating	IP43.
Weight	105g (not in base); 157g (in base).
Operating conditions/temperature	-20°C to +60°C.
Notes	Requires a BF308XP standard base or BF308XPR low power relay base. 1mA power up surge current for 0.3 seconds.



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