



Apollo XP95 55000-600 Optical Smoke Detector

Part No. BF316XPH

- 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 BF308XP standard base or BF308XPR 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. |

Documentation



XP95 Engineering Guide

Uncontrolled Document

 Download (1.57M)

Accessories



ActiV Diode Base

8 other products in the same category:



**Apollo XP95 55000-885
Multisensor Detector**



**Apollo XP95 55000-401 High
Temperature Detector**



**Apollo XP95 55000-400
Standard Temperature...**



**Apollo XP95 55000-500
Ionisation Smoke Detector**



**Apollo Discovery 58000-600
Optical Smoke Detector**



**Apollo Discovery 58000-400
Heat Detector**



**Apollo Discovery 58000-700
Multisensor Detector**



**Apollo Discovery 58000-500
Ionisation Smoke...**

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