Apollo Discovery Multisensor Detector

Part No. 58000-700APO

Overview

- A high specification multisensor detector.
- Fully compatible with C-TEC's XFP & ZFP XP95/Discovery Addressable Fire Panels.
- User programmable to operate in one of five sensivity modes (e.g. Mode 1 will give a higher senstivity to fire than Mode 5).
- Comprises optical smoke and thermistor temperature sensors which give both a combined signal as well as a separate heat signal for improved false alarm management.
- Ideal for a wide range of applications.
- Recommended, in specific modes, for hotel bedrooms and hospital wards.
- Remote test feature.
- Red LED illuminates when the detector is in alarm.
- Certified to EN54-5 and EN54-7 by the LPCB.
- Requires a 45681-210APO standard base or 45681-242APO low power relay base.
- 'Xpert' card addressed for speedy installation.

More Information

Technical Specifications

Approvals/certifications	Certified to EN54-5 and EN54-7 by the LPCB.
Compatibility	Compatible with C-TEC's XFP/ZFP XP95/Discovery Addressable Fire Panels.
Application/operation	Comprises optical smoke & thermistor temperature sensors which give a combined signal as well as a separate heat signal for enhanced false alarm management. Well suited for sensitive environments
Application temperature	n/a
Static response temperature	n/a

Sensitivity	Option to select 5 different operating modes at the fire panel. See Operation Modes tab below for details.
Supply wiring	2-wire, polarity insensitive.
Supply/operating voltage	17 to 28V DC.
Quiescent current	470µA.
Alarm current	3.4mA (LED illuminated).
Indicators	2 clear LEDs emitting red light when in alarm. Optional remote LED.
Connections	L1&L2 supply in/out; +R remote LED +Ve connection; -R remote LED -Ve connection. (5mA max. remote LED current @ 5V measured across remote load).
Product dimensions (mm)	100mm diameter x 50 mm H (not in base). 58mm height when in base.
Construction & finish	White polycarbonate UL94-VO. Nickel plated stainless steel terminals.
IP Rating	IP44.
Weight	105g (not in base); 160g (in base).
Operating conditions/temperature	-40ºC to +80ºC.
Notes	Requires a BF308XP standard base or BF308XPR low power relay base. 1mA power up surge current for 0.3 seconds.