Apollo Discovery ✓ EN54 Third Party Approved

PRODUCT OVERVIEW

Discovery is a range of high specification analogue addressable fire detectors. The Discovery range is designed to meet specifications for detectors incorporated in sophisticated systems, Discovery provides engineers with an additional dimension in fire protection capability.

The Discovery communications protocol is a development of the proven XP95 protocol, making both ranges of detector compatible.

PRODUCT FEATURES

- Rejection of transient signals
- Flashing LED option
- Five response modes for ease of optimisation to changing environments
- Drift compensation to ensure constant sensitivity
- Four bytes of user programmable non-volatile memory
- Alarm flag for fast alarm reporting
- Conventional alarm facility during CIE processor fault
- 360° visibility in alarm
- **Compatible with XP95 systems**

COMPATIBLE PRODUCTS

Access to the Discovery range of audio visual signalling equipment with advanced features such as choice of volume, tones, including class change.

DRIFT COMPENSATION

All Discovery smoke detectors include compensation for sensor drift caused, for example, by dust in the chamber, and will hold the sensitivity at a constant level even with severe chamber contamination.

SENSITIVITY SELECTION

Each detector in the Discovery range can operate in one of five response modes, which can be selected from the control panel. The response characteristics of the detectors have been carefully set so that the detectors will comply with the requirements of the relevant EN54 in all response modes. Mode selection depends on application - Mode 1 will give a higher sensitivity to fire than in Mode 5.

CALL POINTS

F/CHBG/IS/DISC
Break Glass complete with isolator

SOUNDERS & VISUAL INDICATORS

Left to right: F/CHWB/BN/DISC/AP/R (Open-Area Sounder Indicator - Red Lens), **F/CHWB/BN/DISC/A** (Sounder Visual Indicator Base)

DISCOVERY DETECTORS

Left to right: F/CHSM/P/DISC (Optical Detector less Base), **F/CHHM/ DISC** (Heat Monitor less Base), **F/CHSM/A/DISC** (Ionisation Detector less Base), **F/CHSM/M/DISC** (Smoke/Heat Detector less Base)

PRODUCT CODE	DESCRIPTION
APOLLO DETECTORS	
F/CHSM/P/DISC	**(58000-600)** Discovery optical detector less base
F/CHHM/DISC	**(58000-400)** Discovery heat monitor less base
F/CHSM/A/DISC	**(58000-500)** Discovery ionisation detector less base
F/CHSM/M/DISC	**(58000-700)** Discovery smoke/heat detector less base
APOLLO SOUNDERS AND VISUAL INDICATORS	
F/CHWB/BN/DISC/A	**(45681-393)** Discovery sounder visual indicator base

Please note:

- We have portrayed the most commonly used Discovery devices here - yet for further options please contact our sales department on 0845 884 7000 or email customerservices@channelsafety.co.uk.

- For interface units - XP95 interfaces on the previous page can be used. Contact our technical team at technical@channelsafety.co.uk to check compatibility prior to ordering.