



DISCOVERY MANUAL CALL POINT

Part Numbers:
58200-910
58200-908 (With Isolator)

The Apollo Discovery Manual Call Point has been designed to operate on a loop of intelligent fire detection devices. An alarm is initiated by pressing the resettable element. The manual call point signals to the control and indicating equipment using an interrupt feature within the Apollo digital communication protocol.

An alarm status is indicated by a yellow and black bar in the lower section of the resettable element and a red LED. The manual call point can be easily reset from the front using the supplied reset key. It is available in two versions, with and without isolator. The manual call point is intended for indoor applications.

The address of each call point is set at the commissioning stage by means of an a seven segment DIL switch. The address switch is accessible without removing the call point from the mounting surface.

A red alarm LED is provided on the manual call point. This LED is controlled independently of the manual call point, by the fire control panel.

Once activated, the manual call point can be reset by inserting the reset key into front facing LED, turning clockwise until a positive click and reset occurs. An additional pack of 10 reset keys can be purchased, Part Number 44251-176.

The isolated version of the manual call point incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the loop. Isolator operation is indicated by a yellow LED. For further details of the isolator refer to datasheet PP2090, available on request.

This manual call point helps reduce installation time as all the initial installation cabling is wired to a terminal block which fits neatly in the back of the call point.

To provide additional protection against accidental operation a transparent cover, Part Numbers 44251-189 (single pack) or 44251-175 (pack of 10) can be fitted and is available.

TECHNICAL DATA

Discovery Manual Call Point

Part No. 58200-910, 58200-908 (With Isolator)

Specifications are typical at 24V, 23°C and 50% relative humidity unless otherwise stated.

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| Call point type: | Deformable element |
| Call point principle: | Operation of a switch |
| Alarm indicator: | Red Light Emitting Diode (LED) |
| Isolator indicator: | Yellow Light Emitting Diode (LED) |
| Supply wiring: | Two-wire supply, polarity sensitive |
| Loop connections: | Terminal Block L1 -ve/L2 +ve |
| Operating voltage: | 17–28V DC |
| Communication protocol: | Discovery, (XP95 & CoreProtocol compatible)* 5-9V peak to peak |
| Quiescent current: | 100µA |
| Power-up surge current: | 1mA |
| Maximum power-up time: | 1s |
| Alarm current, LED illuminated: | 4mA |
| Normal analogue value: | 16 |
| Alarm state value: | 64 |
| Temperature range: | –30°C to 70°C |
| Humidity: | 0% to 95% RH (no condensation or icing) |
| Vibration, impact & shock: | EN 54-11 & EN 54-17 (isolated version) |
| Designed to IP Rating: | IP24D in accordance with BS EN 60529 |
| Standards & approvals: | EN 54-11, EN 54-17 (isolated version), CPR, LPCB, BOSEC, FG, SBSC & VNIPO For more information see page 31 or www.apollo-fire.co.uk |
| Dimensions: | 90mm x 90mm x 61mm |
| Weight: | 180g |

* Fire control panel dependant