



# Waterproof Addressable Manual Call Point

## FUNCTION

The Waterproof Addressable Manual Call Point has been designed to operate on a loop of intelligent fire detection devices and when activated interrupts the polling cycle for a very fast response.

The Waterproof Addressable Manual Call Point is available with and without isolator and has a IP67 rating. It is intended for outdoor applications or areas where water or high humidity is a problem.

## FEATURES

The Waterproof Addressable Manual Call Points come complete with the following key features:

- Resettable operating element
- Easy access, front reset mechanism
- Ergonomic reset key and keyring hole
- Captive screws for easy installation
- Flashing Poling LED Option
- EN54-11 and EN54-17 certified (where an isolator is present)
- 170° viewable LED indicator



Part no 58200-950 - Waterproof Addressable Manual Call Point

- IP67 rated

## PROTOCOL COMPATIBILITY

The Waterproof Addressable Manual Call Points will operate only with compatible control equipment using the Apollo digital protocol.

## ELECTRICAL CONSIDERATION

The Waterproof Addressable Manual Call Point is loop powered and operates at 17-28V DC for all variants.



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Assessed to ISO 9001:2008  
LPCB Cert No. 010



Certificate No. 010  
See www.RedBookLive.com



Assessed to ISO 14001:2004  
Certificate number EMS 010

36 Brookside Road, Havant,  
Hampshire, PO9 1JR, UK

Tel: +44 (0)23 9249 2412  
Fax: +44 (0)23 9249 2754

Email: [productsupport@apollo-fire.com](mailto:productsupport@apollo-fire.com)  
Web: [www.apollo-fire.co.uk](http://www.apollo-fire.co.uk)

Overseas offices: America China Germany

## MECHANICAL CONSTRUCTION

The component parts of the call point are moulded in a robust fire retardant polycarbonate.

## OPERATING PRINCIPLES

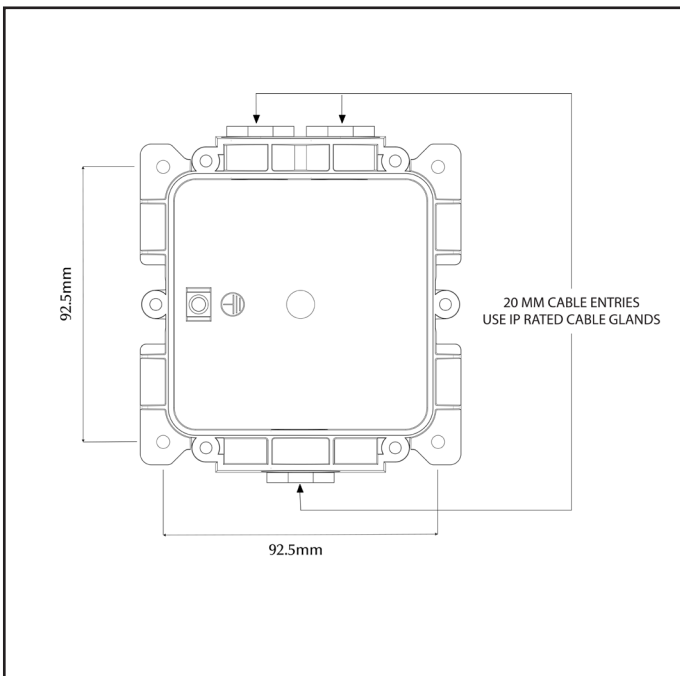
The address of each call point is set at the commissioning stage by means of a seven-segment DIL switch.

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

Once activated, the Manual Call Point can be reset by inserting the reset key into the front facing LED, turning clockwise until a positive click and reset occurs.

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 data sheet PP2090, available on request.

## DIMENSIONAL DRAWING



## TECHNICAL DATA

Supply voltage	17-28V DC
Communications Protocol	5 - 9V Peak to Peak
Operating temperature	-30°C to +70°C
Humidity (no condensation)	0-95%RH
IP rating	67
Current Consumption (max) 24V DC	
Power Up Surge (1s typical)	1mA
Quiescent	100µA
Alarm current (LED on)	4mA

Complies with EMC Directive 2004/108/EC  
 Red version complies with EN54-11:2001  
 EN54-17:2005 (Isolated version)

## EMC DIRECTIVE 2004/108/EC

The Manual Call Point complies with the essential requirements of the EMC Directive 2004/108/EC, provided that it is used as described in this data sheet.

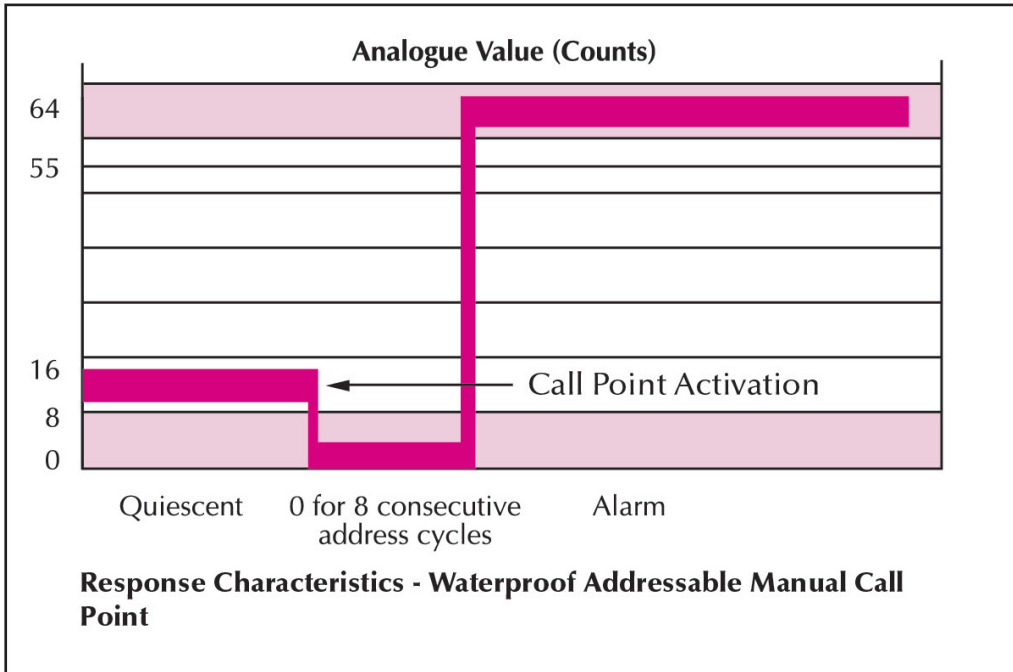
A copy of the Declaration of Conformity is available from Apollo on request.

Conformity of the Manual Call Point with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it.

## CONSTRUCTION PRODUCTS DIRECTIVE 89/106/EEC

The Manual Call Point complies with the essential requirements of the Construction Products Directive 89/106/EEC.

Part no.	Description	Dimensions & Weight
58200-950	Waterproof Manual Call Point Red	110mm x 110mm x 74mm 324g
58200-951	Waterproof Manual Call Point with Isolator Red	110mm x 110mm x 74mm 324g
58200-953	Waterproof Manual Call Point with Isolator Yellow	110mm x 110mm x 74mm 324g



**PROTOCOL USAGE**

<b>Output Bits</b>	
2	Switch on Integral Red LED
1	Electronic Self Test
0	Not Used
<b>Interrupt</b>	Yes
<b>Analogue Values</b>	
16	Quiescent
64	Alarm
<b>Input Bits</b>	
2	LED Confirmed
1	0=Alarm 1=Quiescent
0	1=Alarm 0=Quiescent
<b>Flag Setting</b>	
XP95 Flag	Yes
Alarm Flag	No