



# XP95 IS MANUAL CALL POINT

## FUNCTION

The XP95® IS 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.

Designed specifically for use in atmospheres in which explosive mixtures are or may be present, certain design considerations must be observed. Full information on this is to be found in PP1095.

## FEATURES

The Manual Call Point has an IP67 rating and is suitable for use in areas requiring protection from potentially explosive atmospheres. Manufacture of this device is therefore closely controlled and monitored.

The XP95 IS Manual Call Point has an easily resettable element rather than a break glass.

It also features a unique 'Plug and Play' installation concept designed specifically to reduce installation time. The Manual Call Point utilises a terminal block, where all installation cabling is terminated.

The XP95 IS Manual Call Point complies with the requirements of the ATEX Directive and the Constructive Products Directive. It is approved to EN54-11.

## ELECTRICAL CONSIDERATIONS

The XP95 IS Manual Call Point is loop powered and operates at 14-22V DC.



Part nos. 55100-940 (red)  
55100-942 (yellow)  
55100-944 (blue/white)

## PROTOCOL AND SYSTEM COMPATIBILITY

The XP95 Manual Call Point, is designed for use only in an intrinsically safe system together with a protocol translator and a safety barrier. Details of system design can be found in Engineering Product Guide PP1095.

The protocol translator (part no. 55000-855 single channel, 55000-856 dual channel). ensures that the call point operates correctly while itself remaining transparent to the control panel.

The XP95 IS Manual Call Point will operate only with control equipment using the Apollo XP95 digital protocol.



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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

Overseas offices: America China Germany

## MECHANICAL CONSTRUCTION

The XP95 IS Manual Call Point mouldings are polycarbonate and ABS.

## DIMENSIONS AND WEIGHT

93mm x 97.5mm x 71mm

240g

## 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.

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.

Once activated, the XP95 IS Manual Call Point can be reset by inserting the test key into the bottom of the unit until the key clicks into position. Remove the test key and push the front cover up until it clicks home.

## TECHNICAL DATA

|  |                      |
|--|----------------------|
| Supply voltage                           | 14–22V DC            |
| Communications protocol                  | 5–9V<br>peak to peak |
| Maximum current consumption, at 24V      |                      |
| Quiescent                                | 300µA                |
| power-up surge, 1 second typical         | 1mA                  |
| Alarm LED on                             | 2mA                  |
| Operating temperature                    | –20°C to +60°C (T4)  |
| Operating temperature                    | –20°C to +40°C (T5)  |
| Humidity (no condensation)               | 0–95%RH              |
| IP rating                                | 67                   |
| Complies with the ATEX Directive 94/9/EC |                      |
| Complies with EMC Directive 2004/108/EC  |                      |
| Complies with EN54–11:2001               |                      |
| Complies with CPD 89/106/EEC             |                      |

## EMC DIRECTIVE 2004/108/EC

*The XP95 IS Manual Call Point complies with the essential requirements of the EMC Directive 2004/108/EC, provided that it is used as described in this PIN sheet.*

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

*Conformity of the XP95 IS Manual Call Point with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it*

## DIMENSIONAL DRAWING

