

# Manual Call Point ECE221-I

Instruction Sheet  
R10200GB0



## **Schneider Electric Fire & Security Oy**

Sokerilinnantie 11 C  
FI-02600 Espoo, Finland  
Tel: +358 10 446 511  
Website: [www.se.com](http://www.se.com)  
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# 1 Manual Call Point ECE221-I with isolator

The Essentia intelligent manual call point ECE221-I (FFS06720318) with isolator has been designed to operate on a loop of intelligent fire detection devices. An alarm is initiated by pressing the resettable element. It's suitable for semi flush or surface mounting. An alarm status is indicated through the rotation of the resettable element, displaying yellow and black indication bars and a solid red LED. The manual call point can be easily reset from the front using the supplied reset key. There is a DIL switch for address setting. Address range is 1-126.

- Resettable operating element
- Easy access, front reset mechanism
- E-Z fit connector system for installation
- Ergonomic reset key
- EN 54-11 & EN 54-17 certified
- 170-degree viewable LED
- Continuity link for cable insulation testing
- Suitable for semi flush or surface mounting

## 1.1 Operating Principles

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

A solid red alarm LED is provided on the manual call point. This LED is controlled independently of the call point, by the control panel. The LED will flash yellow if there is a fault and flash green when the device is polled.

Once activated, the Intelligent 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 Intelligent 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 solid yellow LED.

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

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

Protocol Usage	
Output Bits	
2	Red LED
1	Electronic Self Test
0	Not Used
	Yes
Analogue Value	
16	Quiescent
64	Alarm
4	General Fault
1	Switch Fault
Input Bits	
2	LED Confirmed
1	0=Alarm 1= Quiescent
0	1=Alarm 0= Quiescent
Flag Settings	
XP95 Flag	Yes
Alarm Flag	No



