

VNCPI

Conventional Indoor Manual Callpoint (MCP)

Features

- Conventional Indoor MCP
- Plastic resettable element
- Clear plastic cover – lift to access element
- Compatible with Vigilant FP1600, Sigma 5, Alpha 4 and MX1 and MX4428 via DDM800, AZM800 and 4mA ADR on MX4428
- Low alarm voltage for fast alarm on compatible panels
- Wide operating voltage range
- Red alarm LED
- Latched alarm operation
- Easily tested with test key
- NZS 4512:2010 approved and FPANZ listed

The VNCPI is a conventional indicating manual callpoint (MCP) that is suitable for indoor applications.

It is supplied with a plastic element, which deforms when pressed in to release a microswitch. The element is not destroyed and can be reused many times by resetting the MCP using the test/reset key provided.

A clear plastic cover, which must be lifted to gain access to the element, provides protection against accidental activation.

The MCP is easily tested using the test/reset key.

The alarm voltage generated by the MCP is lower than that of most smoke detectors, so on compatible fire alarm panels the MCP alarm is instant, while smoke detector alarms can be gated/verified.

Activation is shown by a red alarm LED, which latches on until the element is restored and the fire panel alarm condition is reset.

The MCP is supplied with a surface mounting box, but can be flush mounted when a suitable flush-mount box (not supplied) is installed into the wall cavity.

The MCP is approved to NZS 4512:2010 and is FPANZ listed.



VNCPI

Specifications

Operating Voltage	9.5 – 28Vdc
Quiescent Current	20µA @ 20V
Alarm Voltage	1.6 – 3.5V
Alarm State Current	5mA min – 60mA max
Environment	Indoor application
Mounting	Surface or flush
Operating Temperature	-10 to +55°C
Storage Temperature	-30 to +70°C
Operating Humidity	Up to 95% non-condensing
Material	Flame Retardant ABS
Dimensions	105 x 93 x 62 mm (HWD)
Weight	190g
FPANZ Listing	VF/682

Part Numbers

514.001.550	VNCPI Indoor Conventional MCP
515.001.127	Replacement resettable element – blank (pack of 5)
FA2728	Replacement Resettable Element “Vigilant” (pack of 5)
FP1140	Adaptor kit for 1841 MCP
SU0272	Spare plastic cover
SC070	Test/Reset Key (pack of 10)
SU0632	Surface Mount Back Box (Spare)

Installation and wiring details

1. Mount the back box. For **surface mounting** fit the back box provided to the wall using suitable screws. For **flush mounting** fit a suitable flush mounting box into the wall cavity. It will need to be at least 25mm deep.
2. Route the zone wiring through the back box.
3. Connect the zone wiring to the demountable connector as shown. If this is the last device on the circuit fit the EOL (usually a resistor) between Circuit Out R and B.
4. Remove the callpoint sliding front plate and deformable element.
5. Fit the demountable connector to the MCP.
6. Fit the clear plastic cover to the MCP and fix the callpoint to the back box using the 2 long screws supplied through the now-exposed top fixing holes.
7. Re-fit the element and front plate. Slide the plate into position then push upwards until it clicks into place.
8. Make sure the clear cover swings easily.
9. Test the MCP using the test key and make sure the correct zone is activated on the fire panel.

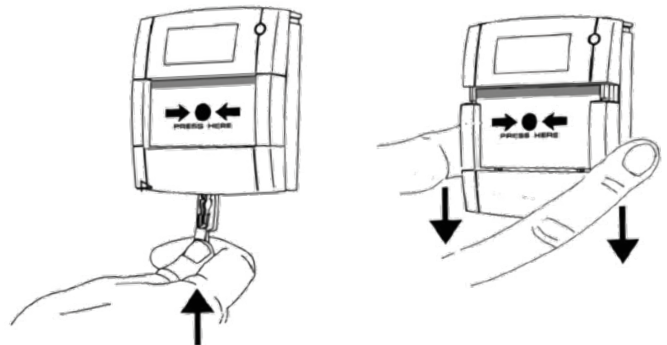


Testing

The MCP mechanism and wiring can be tested using the test key provided. This test does not break the element.

Insert the key into the slot in the base of the MCP and allow the element to drop away from the switch. This will register an alarm at the fire panel – check the correct zone has activated. Remove the test key and reset the MCP and fire panel.

Note: The key should not be left with the MCP after commissioning.



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