



I-9319

Features and Benefits

1. Interfaces with conventional fire detectors/non-addressable units
2. Secure and speedy communication
3. Electronically addressed
4. LED status indicator
5. Ideal for integrating with Sprinkler Zone Valve and Flow Switches.

Description

I-9319 intelligent zone monitor unit is an addressable interface module, which will integrate with conventional detectors or conventional manual call points to an addressable system. When any of the connected devices alarms are active, the unit can send the alarm message to fire alarm controller, which generates alarm signal and displays its address. The unit can match with the conventional optical smoke detector, conventional rate of rise and fixed temperature detector and conventional manual call point etc. It has the function of checking short or open circuit of the output connection, by the End of Line Resistor (EOLR) or Active End of Line unit (AEOL recommended). The fault message includes detection of open circuit, short circuit or any removal of the detectors.

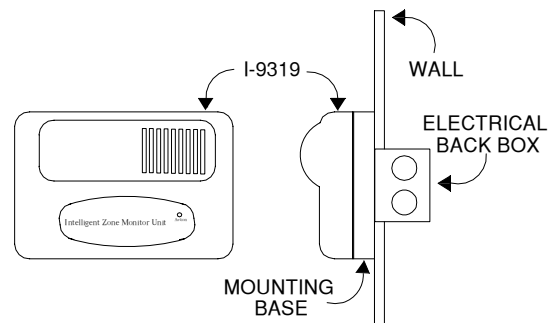
Electronic addressing can be done through Handheld Programming tool (P-9910), purchased separately.

Technical Specifications

- Operating voltage: 24Vdc Loop voltage
- Power Supply: 24Vdc
- Operating Current: Monitoring current 0.5mA
Action Current: 5mA
- Operating temperature: -10°C to 50°C
- Relative humidity: 95%
- Capability: 15 conventional detectors
- End of Line: 4.7KΩ or AEOL
- Application: Indoor use
- Visual Indicator: LED, steady red when in alarm state, 3 sec interval blinking in normal state, yellow (fault)
- Material and colour: ABS, off-white
- Protection rating: IP 32
- Dimensions: 120mmx80mmx40mm

Mounting Module Base

The zone monitor should be installed in compliance with all local codes and/or NFPA 72 National Fire Alarm Code, and NFPA 70 National Electrical Code. It is installed onto a standard one gang electrical box with a mounting hole at 6.5cm spacing.



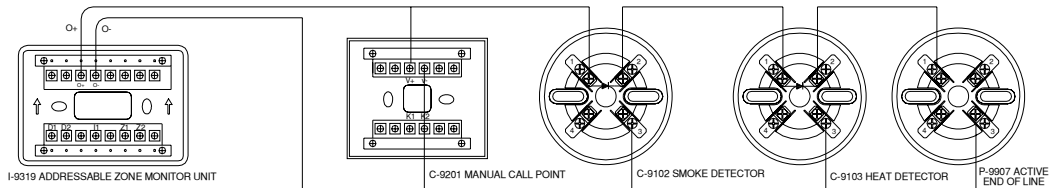
Exclusive distributor

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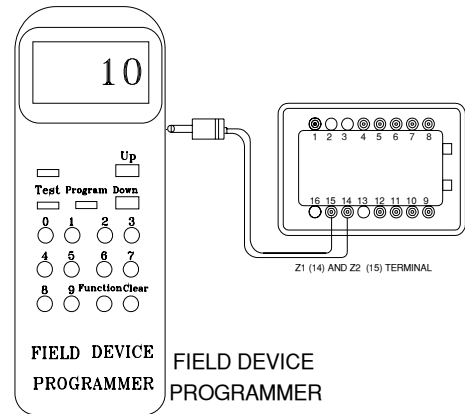
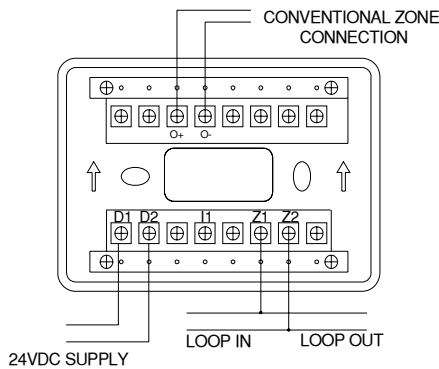


Typical Wiring Diagram



Wiring and Connection

Connect the wires to the required terminal according to the wire diagram. The Z1, Z2 connect to addressable fire detection loop, non-polarized, the D1, D2 is for 24VDC power supply, non-polarized and the O-, O+ is for Output Circuit, note the polarity. The cable must be fire rated type and the size depends on the distance and application. Minimum size gauge 1.0mm²(18 AWG)



Selection of compatible Control Panels
Compatible with all GST Intelligent Fire Alarm Panels GST 100, GST 200, GST 500, GST 5000, GST 9000.

Programming

The address of the monitor unit can be programmed using GST handheld programmer (P-9910), purchased separately. Connect the two wires of the handheld programmer to Z1 (14), Z2 (15) terminals of the module.