I-9301S
Addressable Output Interface

Description

I-9301S Addressable Output Interface is designed to control fire-fighting or fire notification devices. When receiving start command from FACP, it will provide 24VDC power to the controlled device to achieve automatic control.

Terminals and Installation Holes

The interface unit has 6 wires.

Z+ (White), Z- (Blue): Loop, connecting with the FACP, polarized.

V+ (Red), G (Black): 24VDC power supply, polarized.

O+ (Brown), O- (Black): Output port, polarized.

Features and Benefits

- Small size, suitable to be installed in back box
- Output line monitored for open circuit and short circuit
- The address and working mode can be modified in field through the programmer
- Built-in microprocessor processes messages intelligently

Recommended Cabling

1.0mm^2 or above Fire-resistant cable for Z+ and Z-

1.5mm^2 or above Fire-resistant cable for V+ and G

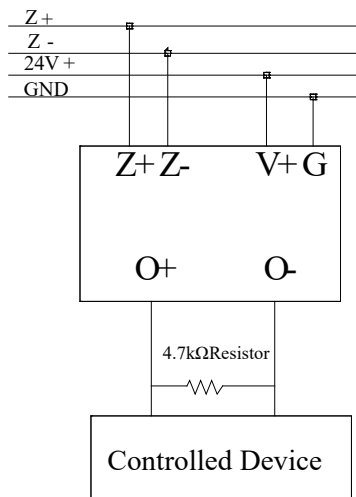1.5mm^2 or above Fire-resistant cable for O+ and O-

All cables should be subject to local codes.

Application

The interface is small-sized, simply installed into the back box of connected device without fastening.

The address of the interface can be set through P-9910B handheld programmer.

Typical Connection

The typical application of the interface is shown below:

Note: The controlled device should be polarized, high resistance in reversed direction.

Ordering Information and Compatible Products

Part No.	I-9301S
Device Name	Addressable Output Interface
Product No.	10104523
Compatible Panels	GST200 Intelligent Fire Panel
	GST200-2 Intelligent Fire Panel
	GST200N Intelligent Fire Panel
	GST-IFP8 Intelligent Fire Panel

Technical Specification

Operating Voltage	24VDC
Average Current	Loop: ≤1.0mA 24VDC: ≤1.5mA
Operating Current	Loop: ≤4mA
Output Capacity	500mA/24VDC
End of Line Resistor	4.7kΩ/0.5Watt
Programming	Electronically programmed, 1-242
IP Class	IP30
Operating Temperature	-20°C ~ +55°C
Relative Humidity	≤95%, non condensing
Material of Enclosure	ABS
Dimension	50mm X 44mm X 17mm

Accessories and Tools

	Part No.:	P-9910B
	Device name:	Handheld Programmer
	Product No.:	10104894