



P-9903 Loop Relay Module

Description

In fire alarm system, there is always requirement to expand loop distance. And when the loop runs through heavy interference area, the signal may need to be protected. The P-9903 loop relay module can provide such functions.

Features and Benefits

- Enhance loop appearance of distance and reliability
- Increase 1000 meters of loop distance.
- Opt-isolated output signal, resistant to industrial interference.
- Output supports Class B loop connection only

Terminals and Installation Holes

Terminals of the module are shown below.



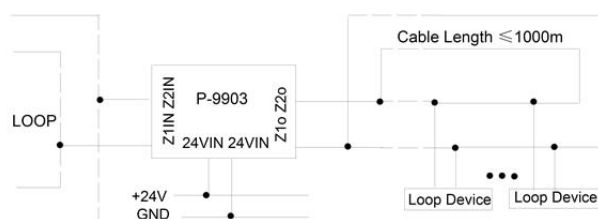
Z1IN, Z2IN: Loop input terminals, non-polarized.

24VIN, 24VIN: 24VDC power supply, non-polarized.

Z1O, Z2O: Isolated loop output, non-polarized.

1.5mm² or above fire cable is recommended, but subject to local codes.

Application



Note: The output of P-9903 is class B only. Circuit broken will not show fault to the system

Technical Specification

Working voltage	24VDC
Operating Current in Free Load	≤50mA
Operating Current in Full Load	≤200mA
Load Ability and Compatibility	Connecting with 1 ~ 242 loop devices, compatible with all the loop devices.
Loop Input Distance	≤1000m
Loop Output Distance	≤1000m
Operating Environment	Temperature: -10°C ~ +50°C Relative Humidity: ≤95%, non condensing.
Dimension	85mm × 128mm × 56mm

Ordering Information

Part No.	P-9903
Device Name	Loop Relay Module
Order Code	3712172