# Loop Detector--PSA02

## Introduction

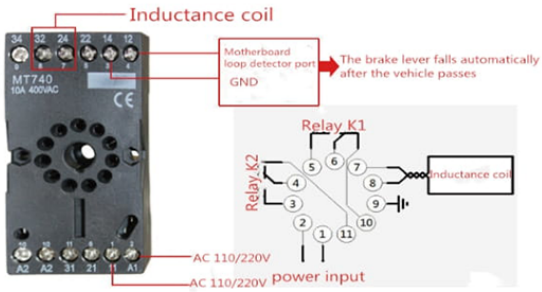
Intelligent vehicle loop detectors are mainly used for vehicle sensing detection. Suitable for parking lots, road tolls and traffic signal control. The detector is a single detector, which can only detect one inductor at the same time. It has two relays to provide output signals. The customer can select different output signals to control the barrier gate, or calculation. vehicle.

## Parameters

| | |
|---|---|
| Power | 230VAC-10% |
| consumption | ≤3W |
| Working tempt | -20 C -+55 C |
| Humidity | ≤95% |
| Working frequency | 50KHz-250KHz |
| Response time | 100ms |
| Rrlay | 250VAC/3A |
| Inductance value | 10-1000uH |
| IP level | IP30 |
| Size | 112x73x34mm |

## Attention

When the power is turned on, the detector will self-test. The self-test program takes about 3 seconds,and the green indicator light changes from blinking to off when the self-test passes. During the self-test, the detection coil is preferably empty (no car should be parked on it). After the vehicle detector self-test is successful, when there is a car passing through the coil, the green indicator light is on and the corresponding output relay is activated.If the detector does not respond, adjust the sensitivity setting switch on the panel.

## sensitivity adjustment and wiring

Sensitivity adjustment uses the upper "Sensor" toggle switch on the top of the panel. There are three gears, "L" is the lowest, "H"For the highest, "M" is medium.