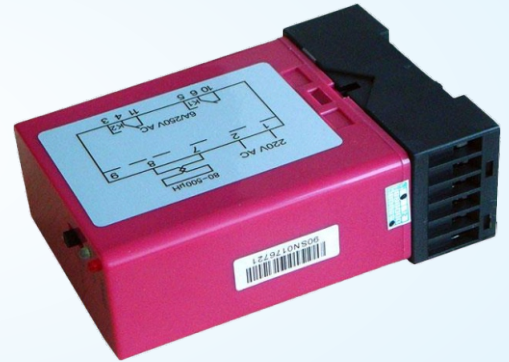


# T1001 Loop Detector



## Technical Datasheet

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### Parameters:

Power supply:	AC voltage: 220V (50Hz) / 12Vdc-24 Vdc
Power:	less than 3W
Operating frequency :	50 KHz ~ 250 KHz
Sensitivity:	Third gear adjustable
Reaction time:	100ms
Signal hold time:	Unrestricted
Relay:	250V AC/ 3A or 1A - 36A
Loop Inductance Range:	20- 2000 UH Q factor of 5 or Higher
Coil cable:	Maximum length is10m, per meter twist at least 20 times
Protection class:	IP30
Dimensions:	113 × 76 × 38 (Contains base)
Ambient temperature:	Working: -40 °C ~ + 65 °C ,storage: -40 °C ~ + 80 °C
Relative humidity:	Maximum 95%
Tuning:	Automatic on Reset or Power Off
Surge Protection:	Zener diode/MOV

## Features:

Standard interface, easy to install; long sensing distance, High sensitivity Over-current, over-voltage Protection and lightning protection design, Protect the security  
Operating frequency range is large and stable; Coil has high adaption (40 -1000UH)  
High adaptability and the CPU low power detection protection, no crashes happen  
Isolation protection coil optional.

## Application

Parking charge system  
Road vehicles toll system ·  
Traffic Light Control System



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