



LD200 SERIES Vehicle Loop Detector

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The LD200 series are dual channel inductive loop detectors. The use of the microprocessor based technology enables a large number of functions to be incorporated into a small package. The LD200 series is easy to set-up and install.

Typical applications include safety loops, arming loops and entry or exit loops.

Standard features of the detector are:

Reset Switch.

The reset switch enables the detector to be manually reset during commissioning and testing. This results in the detector re-turning the sensing loops and becoming ready for vehicle detection.

Switch selectable Sensitivity.

Eight sensitivity settings are available on the switches to allow flexibility in configuration.

1. High	----	0.01%	5.	----	0.2%
2.	----	0.02%	6.	----	0.5%
3.	----	0.05%	7.	----	1%
4.	----	0.1%	8. Low	----	2%

Pulse Relay Selection.

The detect relay may be configured for a pulse output and to energize on detection of a vehicle or when the vehicle leaves the loop.

Selectable N/O or N/C output.

Internal jumpers enable the output relay contacts to be configured for normally open or normally closed contacts.

Direction Logic.

This feature enables the detector to give a pulse output on relay 1 for a vehicle traveling from loop 1 to loop 2, and a pulse output on relay 2 for a vehicle traveling from loop 2 to loop 1.

TECHNICAL DATA

1. Power Requirement	LD200	110VAC / 220VAC
	LD201	12 VAC/DC
	LD204	24 VAC
2. Presence/Pulse Relay:	0.5A	
3. Indicators:	LED indicators show power, and state of each loop detector.	

- 4. Detector Tuning Range: 15-1500 μ H.
- 5. Protection: Loop isolation transformer with zener diode and MOV.
- 6. Connector: 11 Pin Connector on rear of unit.
- 7. Dimensions: 75mm (HIGH) X 40mm (DEEP) 29" x 1.6" x 3"
- 8. Operations Temperature: -40°C to +80°C -40°F to 176°F
- 9. Storage Temperature: -40°C to +85°C -40°F to 185°F
- 10. Humidity: up to 96% non-condensing