



Dyna Loop Detector

For a Modern Traffic Infrastructure

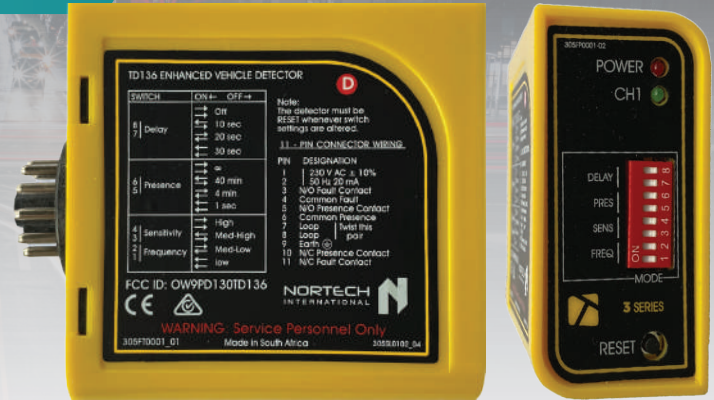
The primary function of the detector is to detect vehicle presence by means of an inductance change caused by the vehicle passing over a wire loop buried under the road surface.

Dyna Loop Detector

The loop detector has been designed for ease of installation and convenience. Its modes of operation are selected by switches on the front of the unit. The switches also allow for different loop frequency settings and sensitivity settings.

The loop detector single channel provides visual output on the front of the enclosure and relay change-over contacts are connected at the rear.

In addition, the channel is also provided with an integral fault relay, which will provide an output in the event of a loop fault condition.



KEY FEATURES

- Compact size allows this detector to be incorporated into any new or existing traffic detection system.
- Comprehensive diagnostics capabilities allow for accurate diagnosis of loop and installation problems.
- Selectable presence times of 1 second, 4 minutes, 40 minutes or no fixed time.
- Loop isolation protection against lighting and transient damage and filtering to reduce interference from external noise.
- Loop frequency indication and adjustment to eliminate interference between adjacent loops.
- Continuous monitoring of external parameters to ensure reliable performance and operations.
- Delay on detect feature allows selective detection to screen out unwanted inputs.

TECHNICAL SPECIFICATION

Self-turning range	20 - 1500μH
Frequency	12 – 80 kHz
Output Configuration	Presence and Fault output
Response time	Turn on / turn off is 60 ms
Delay mode	0s, 10s, 20s, 30s
Power Supply	1.5 VA max @ 230V
Indications	Red LED - power Green LED - channel indicator
Connector	Single rear mount 11 - pin submagnal (86CP11)
Temperature	- 40 °C to + 80 °C
Material	High heat ABS blend
Dimension	76 x 40 x 78mm

Dynamic Traffic System Sdn Bhd
No 52, Jalan Seroja 5D/2
Bukit Sentosa 48300 Rawang,
Selangor, Malaysia.

✉ sales@dynasystem.info

🌐 www.dynatech.my

NOTE: In keeping our policy of continuing product improvement, DynaTech reserves the right to change materials, design and specifications without prior notice.

AUTHORIZED AGENT

