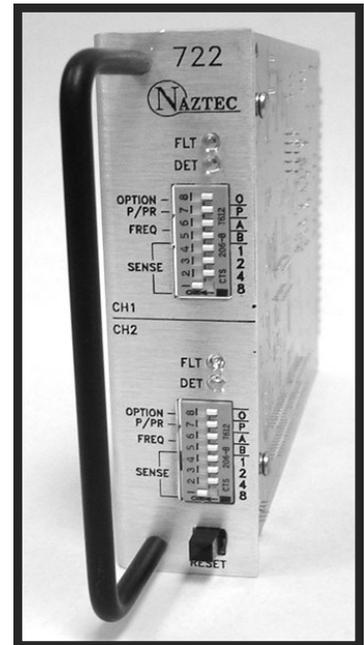


## 722 Dual Channel Loop Detector

### FEATURES

- Rack-mounted, self-tuning high-speed dual channel model
- Fifteen switch-selectable sensitivity levels
- Four switch-selectable frequencies and sequential scanning operation minimizes crosstalk
- Two switch-selectable operating modes per channel: Pulse, Presence
- Separate count output pins for each presence detector\*
- Delay and extension timing
- Programmable Presence Timing\*
- Detection LED provides separate indications for presence, delay, and extension
- Diagnostic LEDs indicate three types of faults
- Reset button to clear faults and re-tune
- Optional EIA-232 communications port
- Optional front panel test switches\* – 1 per channel
- Meets or exceeds NEMA TS1 and TS2 specifications for inductive loop detectors

\*Denotes optional features



The Trafficware **Model 722 High-Speed Dual Channel Inductive Loop Detector** uses state of the art technology to provide a robust and reliable rack-mounted vehicle detection device. Automatic self-tuning and fifteen selectable sensitivity levels ensure trouble-free operation. Crosstalk between adjacent loops is minimized by selecting one of four different oscillator frequencies for each loop. Crosstalk between adjacent channels is eliminated by sequential scanning. As each loop is scanned, the other channel is turned off.

The Model 722 is capable of two different operating modes. In *Pulse Mode*, the detector provides a 125 millisecond pulse in response to a detection, useful for counting and volume calculations. In *Presence Mode*, the output from the detector is active as long as a vehicle is present on the loop. Standard presence detection defaults to 15 minutes in length. The Programmable Presence Timing\* option allows presence detection length to be switch selectable from 1 to 15 minutes in one (1) minute intervals, plus an additional 30-minute selection. The Model 722 detector also provides a separate count output pin for each channel that outputs a 125 ms pulse each time a car enters the loop.

The Delay Timing option causes the output to be delayed up to 63 seconds after the beginning of the detection. The Extend Timing option allows the output to remain active up to 15.75 seconds in 0.25 second increments after the end of the detection.

The use of separate LEDs for detection and fault information eases setup and diagnostics. The DETECT LED provides separate indications for detect, delay, and extension. The FAULT LED uses 4 Hz, 2 Hz, and 1/2 Hz modes to indicate loop shorted, opened, inductance change of more than 25%, respectively.

A EIA-232 communications port is provided, enabling the detector to be scanned for various detection state, status, and programmed parameters.

