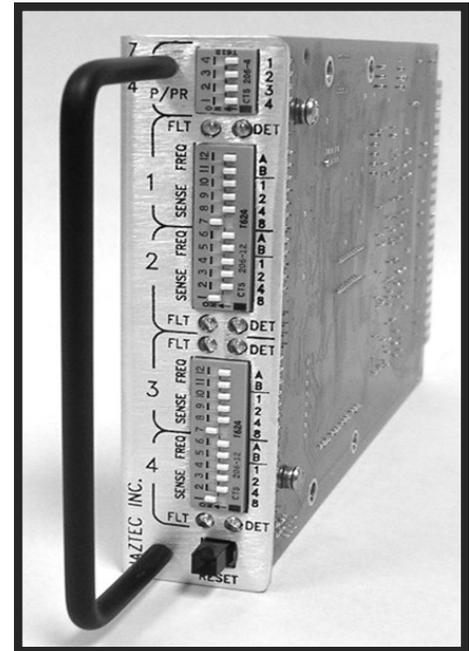


724 Four Channel Inductive Loop Detector

FEATURES

- Rack-mounted, self-tuning high-speed four channel model
- Fifteen switch-selectable sensitivity levels per channel
- Turn channel off by setting sensitivity to zero
- Four switch-selectable frequencies and sequential scanning operation minimizes crosstalk
- Two switch-selectable operating modes per channel: Pulse, Presence
- Programmable Presence Timing*
- Detection LED provides separate indications for presence, delay, and extension per channel
- Diagnostic LEDs indicate three types of faults for each channel
- 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 724 Four-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 three (3) channels are turned off.

The Model 724 is capable of two 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 use of separate LEDs for detection and fault information eases setup and diagnostics. The DETECT LED indicates when a vehicle is on the loop or if Delay or Extension is active. A 2 Hz flash rate indicates Delay, while an 4 Hz flash indicates Extend. The FAULT LED uses 4 Hz, 2 Hz, and 1/2 Hz, to indicate loop shorted, opened, and 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.

