

PEEK Detection

625X DETECTOR

Inductive Loop Detector

Vehicle Detection

The Model 625X inductive loop detector from Peek Traffic Corporation is designed for the parking and access control markets. After more than 40 years in the traffic control industry, Peek's Model 625X detector is the latest in the company's long line of reliable, full-featured detectors. Time-tested detection techniques combined with state-of-the-art manufacturing result in a compact unit that offers increased performance and compatibility with existing equipment.

The 625X detector is a single-channel inductive loop vehicle detector that provides vehicle presence information required by gate operators, ticket spitters, card readers, etc. Although compact and lightweight, the 625X is designed to operate in the most demanding high volume access control installations in all environmental conditions. The 625X detector does not sacrifice features for the evolutionary reduction of size. Two outputs are available: one to provide the presence of a vehicle over the loop, the second is switch selectable to provide pulse on entry of the loop, pulse on exiting the loop, a second presence output or a loop fault output. Easy-to-use front panel slide switches provide positive identification of frequency and sensitivity settings.

Specifications

Characteristic	Description
Inductance	18 to 1800 μ H (Tuned automatically)
Frequency Range	10 to 97 kHz
Temperature Range	-40°F to +176°F (-40°C to +80°C)
Outputs	Presence and Relay2 are changeover relay contacts rated at 250VAC, 5A, 150W/600VA max. Optional: Optically isolated contact, 50VDC 50mA
Lightning & Transients Protection	Zener diode protection from over voltage induced on loop and feeder leads. Flash over protection from loop to earth. Protection exceeds NEMA specification.

Features

- Small size 3"H x 1.5"W x 3.5"L (76 x 38 x 89 mm)
- Failsafe or failsecure outputs
- Increased sensitivity
- Six selectable sensitivities
- Easy to use controls
- Second relay is output mode selectable
- Pulse on entry
- Pulse on exit
- Second presence output
- Loop fault output
- 12 or 24VDC, 24, 110, or 220 VAC input
- Automatic sensitivity boost
- Current and historical loop fault indicators
- Compatible with existing equipment
- Automatic tuning
- Consistent presence time



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