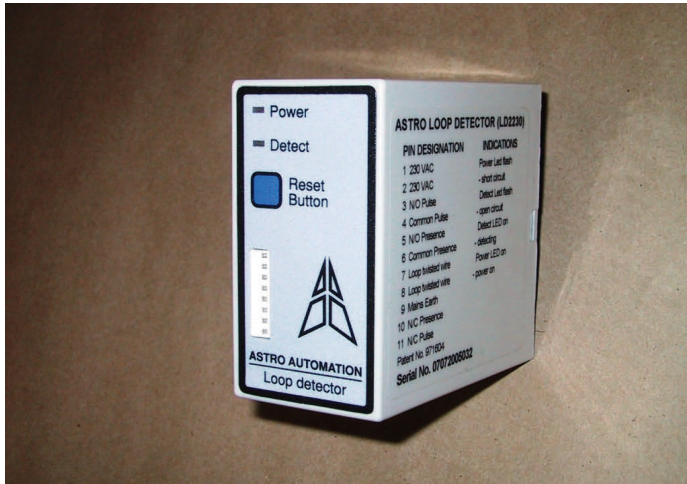




MAGDRIVE

Info



PROGRAMMABLE VEHICLE DETECTOR LD 2000 SERIES

LD2000.PUB

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DESCRIPTION

The LD 2000 inductive loop vehicle detector is a cost effective MICROPROCESSOR based unit offering many features that are new and unique.

Detector operating parameters are PROGRAMMABLE using a small interface module to load the desired software into a non-volatile memory. The interface module can also be used for real-time DISPLAY of the detector function to facilitate precise measurement of loop changes caused by a vehicle. Once operating parameters are set, the interface module is removed and the detector becomes TAMPER-PROOF as there are no switches or knobs that can be adjusted. This also enhances the reliability of the detector.

Additional features such as built-in COUNTER are provided.

APPLICATIONS

Suitable for all loop applications in the parking control and automatic door and gate industries, as well as some applications in the traffic control industry.

FEATURES

ADJUSTABLE DETECTION AND RELEASE SENSITIVITY

Set the detection sensitivity (in steps of 0,02% Δ L/L) as desired then choose a level for release (undetected). In this way you can choose your "Automatic Sensitivity Boost" to suit the application.

ADJUSTABLE PRESENCE TIME

Set the time that detection of the vehicle is held up to 4 hours in steps of 1 minute or choose *permanent* presence.

SELECTABLE OPERATING FREQUENCY

Select one of four operating frequencies to minimise cross-talk between adjacent detectors.

SELECTABLE SECOND RELAY FUNCTION

The second relay can be presence or pulse and if pulse operation is chosen, you can select pulse on entry or pulse on exit.

MONITOR CHANGES IN THE LOOP

View the inductance change as the vehicle traverses the loop. Actually, see the high-bed vehicle effect and adjust the detector to cater for it. Alternatively watch the frequency change due to vehicles or drift.

COUNT VEHICLES

Audit your traffic flow without additional costly equipment. The non-resettable counter runs to a maximum of 100 million.

ADJUSTABLE DETECTION DELAY (OPTIONAL)

Set the delay on detection up to 4 minutes in 1 second steps.