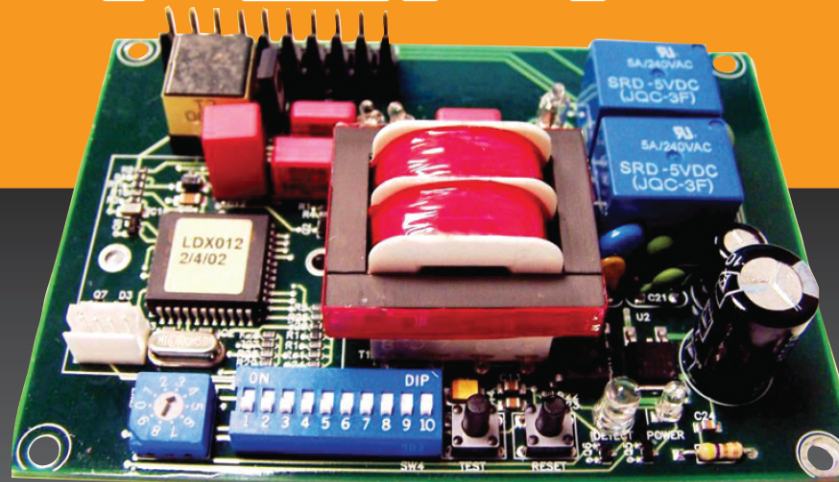# D-TEK-LM

Board Type Vehicle Loop Detector

Applications

The D-TEK-LM™ is used as replacement for the Manufacturer original Vehicle Detectors for the Models 670, 575, 585 and the 590 operators.*

The D-TEK-LM™ may also be used in any location protected from the weather to detect vehicles for annunciation, triggering cameras, lighting, etc. where 24 Volt AC power is provided. Wiring hookup is simplified using the HAR-7 wiring harness.

D-TEK-LM

EMX
INDUSTRIES

**For more information, please visit www.devancocanada.com
or call toll free at 855-931-3334**

FEATURES

Full fledged plug-in detector that works with many of the Chamberlain operators, like 670, 575, 585 & 595 models.*
• Loop Diagnostics
• Loop Isolation Transformer
• Loop Conditioner
• Surge Protection
• Loop Frequency Counter
• 10 Gold Plated Sensitivity Controls
• 8 Gold Plated Function Controls
• 6 Gold Plated Controls for Frequency, Reset & Frequency Counter
• Two High Intensity LED Indicators

EMX Lite Preformed Loop

HAR-7 Pin Female Harness

Technical Data

Power Supply	24V AC
Current Draw	100 mA max.
Dimensions	L= 4.125in (104m) W= 2.687in (68mm) H= 1.1in (28mm)
Weight	0.32 lbs. (144.6g)
Loop Inductance	20…2000µH (Q factor > 5)
Environmental Tracking	Automatic Compensation
Operating Environment	-40º C…82º C (-40ºF…180º F) 0…95% relative humidity
Connection	10 Pin Male Molex 09-72-2101
Loop Compensation	Isolation transformer allows operation with poor quality loops
Loop Frequency	4 settings (low, med-low, med-hi, high)
Output Relays (2)	(2) 5A/125V AC Presence and Pulse
Extend Output	3, 6 or 9 seconds DIP switch selectable
ASB (Automatic Sensitivity Boost)	Increases sensitivity after initial detection to prevent dropout due to high bed vehicles
Surge Protection	Loop circuitry protected by surge suppressors
Power / Loop Fault Indicator	Green LED
Detect / Frequency Count Indicator	Red LED
Reset Switch	Reset
Filter	Prevents detection from cross-traffic or RF interference (i.e.keying radio transmitter)
Sensitivity	10 levels 0-9
Environmental Protection	Conformal Coating

Ordering Information

• D-TEK-LM 24V AC Board Detector (Plug in compatible with the Chamberlain 575,585, 595 and 670 Model Operators)*
• HAR-7 Female 10 Position Harness
• PR-XX EMX Lite Preformed Loop XX= size

MADE IN THE USA

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