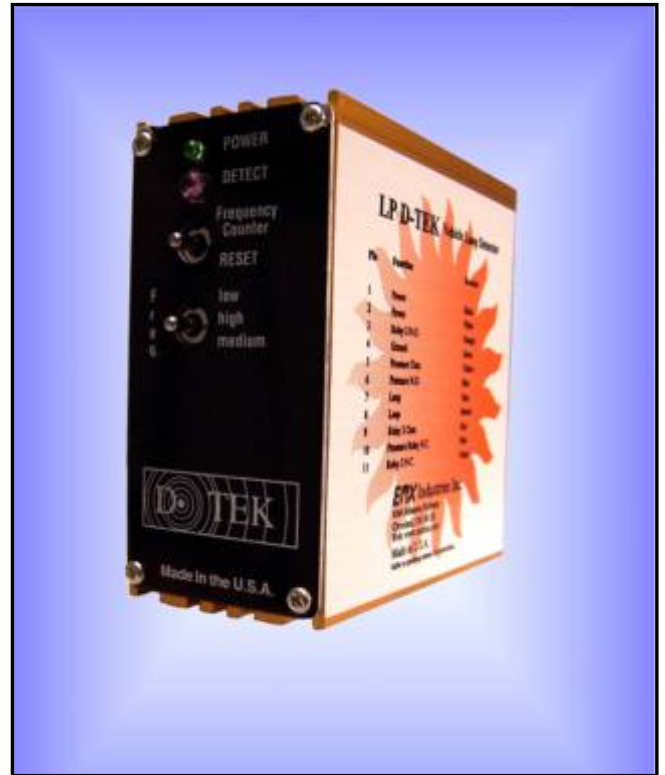


LP D-TEK

Low Power "Fail Safe" Vehicle Loop Detector

FEATURES

- * First low power detector to operate in both fail safe and fail secure modes
- * 9 mA current draw standby and detect modes "fail safe" included!
- * Loop isolation transformer
- * Loop conditioner built in
- * Aluminum RF shield housing
- * Surge protection
- * Loop diagnostics
- * Frequency counter
- * Gold plated control contacts
- * 2 relays
- * Ideal for solar power applications



APPLICATIONS

EMX Industries Inc. has designed the LP-DTEK for applications where vehicle detection is needed and low power consumption is desired. The LP-DTEK's low 9 mA current draw make it ideal for solar applications and gate or door operators that require many accessories drawing from the same power supply. The lower current requirement means smaller solar panels are needed reducing costs.

ORDERING INFORMATION

LP-DTEK 12-24 V AC/DC Vehicle Loop Detector
HAR-11 3 foot 11 pin harness
LD-11 11-pin socket base DIN rail mount
PR-XX EMX Lite preformed loop XX = size

We accept Visa, MasterCard, American Express card orders and company purchase orders with approved credit

EMX INDUSTRIES, INC.
4564 Johnston Parkway
Cleveland, Ohio 44128

Telephone:
1-800-426-9912
216-518-9888

Fax: 216-518-9884

WEB: <http://www.emxinc.com>

Email: salesupport@emxinc.com

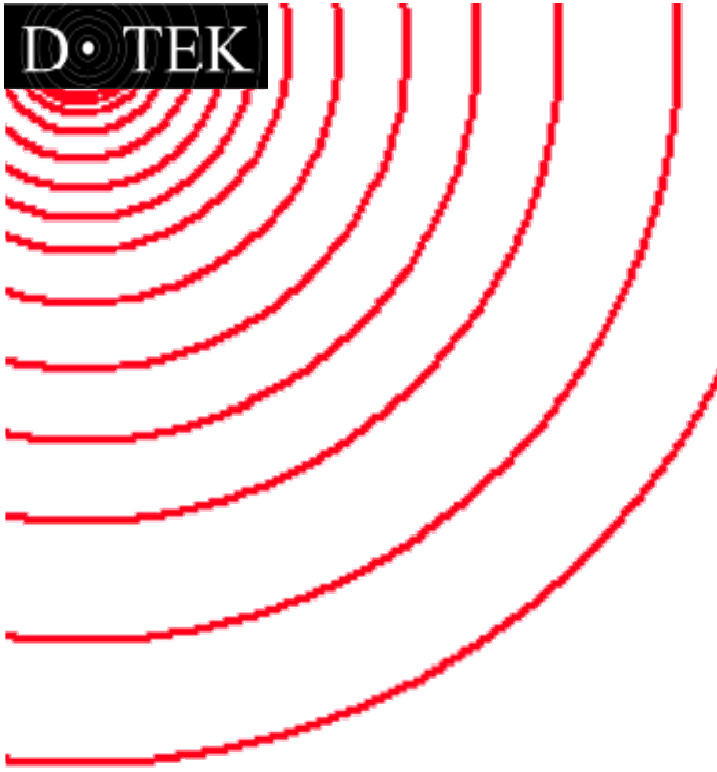
Technical Support: technical@emxinc.com

EMX
INDUSTRIES, INC.



TECHNICAL INFORMATION

Power	12 – 24 Volts AC/DC
Current Consumption	< 9 mA
Operating Temperature	-40° F to + 180° F
Surge Protection	Zener Diode /MOV
Output relays (2)	1Amp 30 VDC
Loop input	Transformer Isolated
Loop Inductance range	20 – 2000 uH Q-factor of 5 or higher
Tuning	Automatic on reset or power up
Tracking	Automatic for environmental changes
Size	Height 3.25" (83mm) Width 2.56" (40mm) Length 3.65" (90mm)
Housing	Extruded Anodized Aluminum
Connector	86CP11 11 pin male
Indicators (LED)	Power, frequency, loop fail, detect, extend output
Controls	
SENSITIVITY, PULSE ON ENTER, PULSE ON EXIT, 4 MINUTE LIMIT, INFINITE PRESENCE, SECOND PRESENCE RELAY, FREQUENCY, FAIL SAFE / FAIL SECURE, FILTER, AUTOMATIC SENSITIVITY BOOST, 3, 6, 9 SECOND EXTEND DETECT OUTPUT	



LD-11 Socket DIN Rail Mountable



HAR-11 3 foot Harness



PR-XX Preformed Loop with internal lightning protection

WARRANTY

EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage.

There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein.

EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship.