

CARSENSE 101

VEHICLE MOTION DETECTOR WITH SENSING PROBE

Applications

- Energy Conservation - detects moving vehicles along a driving path in a warehouse and turns lights on only in the proximity of the vehicle
- Access Control - free exit vehicle detector for gates, overhead doors and parking barriers
- Safety - detects moving vehicles in an industrial environment where there are blind areas along the driving path and actuates warning lights
- Security - detects approaching vehicles or an unauthorized movement of a parked vehicle and actuates alarms, video cameras or vehicle annunciator

CARSENSE



EMX

INDUSTRIES

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CARSENSE 101 - MOTION SENSOR

- Housed in a small, relay-type housing
- Easy to integrate with security control boards, gate and door operators
- Front panel controls provide easy access
- Wide range power supply
- Low current consumption for solar power applications

Probe selection - Each probe comes with 50 feet lead-in wire. To specify other lengths in multiples of 50 feet, modify the last digits of the part number as necessary.



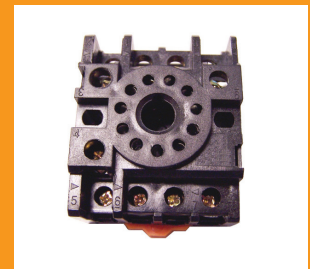
Probe-xx



HAR-11



LD-11



LD-11B

Technical Data

Power Supply	9 - 41 VDC or 6 - 29 VAC
Power Supply Tolerance	+/- 20% from the power rating
Stand-by Current	2.5mA maximum
Detect Current	50mA maximum
Relay Type	DPDT
Relay Rating	1A 24V DC 120V AC
Sensitivity	High, Low adjustment
Off Delay	1 to 5 seconds adjustment
Control Unit Temperature Range	-40° F to 170° F
Probe Temperature Range	-40° F to 170° F
Power On Indicator	High intensity Green LED
Detect Indicator	High intensity Red LED
Sensitivity Control	Continuous adjustment
Off Delay Control	Continuous adjustment
Surge Protection	MOV, neon and silicon protection devices
Control Unit Housing	Break resistant Polycarbonate H:2.2"(55mm), W:1.6"(41mm), D:3.25"(84mm)
Connector	86CP11 11 pin connector
Probe	PVC water tight housing (Length 17", Diameter 1") with shielded direct burial lead-in cable

Ordering Information

- XC101-LV low voltage 9 - 41 VDC or 6 - 29 VAC
- Probe-50 probe with 50 feet lead-in wire (additional lengths available in 50 foot increments)

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. Rev 1.5 10/30/2018

