

Easy to Install

The ultimate in GATE SECURITY

...and the only detector you will ever need!

only from...

Diablo Controls, Inc.

Stuck in traffic for over 37 years!



DML-9LP Vehicle Sensor kit

Ultra Low Power **Solar** Friendly Plug & Play "Micro" Vehicle Probe

OPERATION

The DML-9LP vehicle sensor kit is designed for solar powered gate applications. This detector will operate on any voltage from **10 to 30 volts AC or DC** and draws approximately 3 milliamperes while waiting for a vehicle. The power LED winks continuously once per second to indicate the detector is operating in the low power mode. The DML-9LP probe beats all competition for reliability, simplicity and "no car" current consumption.

This series of Diablo's detectors are covered by United States patent number US 7,132,959 "Non-Interfering Vehicle Detection". These detectors are virtually cross-talk free in most applications.

Working on battery-powered and other parking and access control loop applications, the DML-9LP is preset to the normal sensitivity level used in parking/access control applications and tunes itself to the best operating frequency.

Environmental conditions are constantly compensated with the DML-9LP's **HYPER-TRACK** software.

FEATURES

Indicators - Separate Power and Detect LED's. The GREEN Power LED will wink continuously once per second under normal operation. The RED Detect LED will turn on solid for a vehicle.

Sensitivity - Automatic - compensates for extra long lead-ins.

Probe Failure - The GREEN power indicator flashes twice per second if the probe circuit is open and 10 times per second if the probe circuit is shorted. This detector operates in the fail secure mode and will not output a "Detect" for either of these probe failure conditions. **This "Fail secure" detector should be used on "free exit" loops.**

Operating Temperature - -35°F to 165°F (-37°C to 74°C)

Power - 10 to 30 Volts D.C. Approximately 3mA (no car on probe) and less than 25mA with car on the probe.

Size - Height 1.52" Width 2.9" Depth 1.56"

Connector - Removeable 7-pin terminal block. Pin assignments are shown at right below.



DML-9LP Vehicle Sensor Kit

- 7 Mini-Loop
- 6 Mini-Loop
- 5 Power in (10 to 30 Volts AC or +DC)
- 4 Power Common
- 3 Relay (NO) closes for detect)
- 2 Relay Common
- 1 Relays (NC) (opens for detect)



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