



Intelligent Parking System Vehicle Detector

Vehicle Loop Detector

2-Channel LD-270 Series



Features:

- The LD-270 offers a “smart” vehicle detector for automatic barrier gates, count panels and traffic controllers.
- The LD-270 is an intelligent and compact unit with 3 digit, seven segment, LED display for accurate diagnosis of loop installation at site.
- Two detector channels in a single unit to work respectively.
- Usage for counting of logical direction.

- Both channels equip with separate output:
 - Channel one: External switches enable to select between Presence output and temporarily Pulse on entry output.
 - Channel two: External switches enable to select among Presence output, temporarily Pulse on entry output and temporarily Pulse on exit output.
- 4 selectable loop frequencies (20~80KHz) per channel to completely eliminate the crosstalk.
- If intermittence happen or failed loops get self-healed, the detector will resume to normal operation without manually reset the detector.
- Self-tuning & complete environmental tracking.
- Option : IP65 graded



Specifications:

Case

ABS plastic

Physical Dimensions

57mm(D) x 40mm(W) x 63mm(H)

Physical Weight

< 160 grams

Physical Connector

Amphenol 86-CP11 (on rear)

Supply Voltage

LD-272 : AC 100~240V (50~60Hz)

LD-273 : 12V~24V AC/DC

Power Consumption

Max. 6VA

Admissible Operating Temperature

-25°C ~ + 70°C (-13°F ~ 158°F)

Air Humidity

<95 % relative, non-condensing

Loop Inductance

20-2000μH

Frequency Range

14-100 kHz

Sensitivity

ΔL 0.01% to 2.56% with 16 Selectable Levels

Loop Lead

<150m

Loop Resistance

<2 Ohm

Relay

Operating/no load current principle adjustable via switch

Contacts: 250V AC, 3A

Signal Period, Impulse Time

>250ms

Response Time

10~60 ms

Perfect Security & Machinery Co., Ltd.

7F-1, No.8, Sec. 1, Keelung Rd., Taipei 105,

Taiwan

Tel: 886-2-27477540

Fax: 886-2-27666851

E-mail: sales@psm.com.tw

Local Agent :



P.S.M.