



Intelligent Parking System

Vehicle Detector

Vehicle Loop Detector

1-Channel LD-160



- Self-tuning & complete environmental tracking.
- No warm-up required.
- Two-color LED status indicator for Detect, Power, and Loop Fault indication.
- Two separate output relays:
 - Output A is presence output. Can be extended for 0, 2, 5, 8, 10, 15, 20 or 30 seconds, programmable with external DIP switches.
 - Output B, programmable with external DIP switches, provides presence, pulse on entry, pulse on exit, or failed output.
- By setting an external DIP switch, both outputs can be delayed for 2 seconds; this allows the detector to ignore vehicles passing over the loop faster than 5 miles per hour.
- 11-pin Amphenol rear connectors.
- ABS plastic case.

Features:

- The LD-160 is an intelligent, extremely flexible and very affordable product.
- The LD-160 is designed to accommodate numerous applications, can be adjusted intelligently to any environments and virtually eliminating false detection.
- On the front panel, the four selectable loop frequencies (20~80KHz) can completely eliminate any crosstalk.
- If intermittence happen or failed loops get self-healed, the detector will resume to normal operation without manually reset the detector.



Specifications:

Physical Dimensions

76mm(D) x 42mm(W) x 74mm(H)

Physical Weight

< 305 grams

Physical Connector

Amphenol 86-CP11 (on rear)

Supply Voltage

LD-161 : AC 100~240V (50~60Hz)

LD-162 : AC 100~240V (50~60Hz)

LD-163 : 12V~24V AC/DC

Power Consumption

Max. 6VA

Operating Temperature

-25°C ~ +70°C (-13°F ~ 158°F)

Air Humidity

<95% relative, non-condensing

Loop Inductance

20-2000μH

Frequency Range

20-80 kHz

Sensitivity

ΔL 0.01% to 2.56% with 16 Selectable Levels

Loop Lead

<150m

Relay

Operating/no load current principle adjustable via switch

Contacts: 250VAC, 8A

Signal Period, Impulse Time

>250ms

Response Time

10~90 ms

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P.S.M.

※ The specifications are subject to change without prior notice.



Intelligent Parking System Vehicle Detector

Vehicle Loop Detector

2-Channel LD-260 Series



Features:

- The LD-260 offers a “smart” vehicle detector for automatic barrier gates, count panels and traffic controllers.
 - The LD-260 inductive loop vehicle detector offers a variety of specialized features designed to work with the latest parking and security equipment.
 - Two detector channels in a single unit.
 - No warm-up required.
- 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.
 - On the front panel, the four selectable loop frequencies (20~80KHz) can completely eliminate any 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.
 - Two-color LED status indicator for Detect, Power, and Loop Fault indication.



Specifications:

Case

ABS plastic

Physical Dimensions

76mm(D) x 42mm(W) x 74mm(H)

Physical Weight

< 305 grams

Physical Connector

Amphenol 86-CP11 (on rear)

Supply Voltage

LD-262 : AC 100~240V (50~60Hz)

LD-263 : 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

20-80 kHz

Sensitivity

ΔL 0.015% to 0.8% with 8 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

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