

Vehicle Loop Detector



Standard Features

Vehicle Loop Detector

- Loop diagnostics
- Loop isolation transformer
- Loop conditioner
- Aluminum RF shield housing
- Surge protection
- Loop frequency counter
- 10 gold-plated sensitivity controls
- Eight gold-plated function controls
- Six gold-plated controls for frequency, reset and frequency counter
- Two high-intensity LED indicators
- Two relays—relay 2 is pulse or presence

Specifications

Power:

12 VAC/DC, 24 VAC, 24 VDC, 110 VAC, 220 VAC, maximum current draw 100 mA

Output Relays:

5A/125 VAC standard version, 1A/125 VAC low current version

Connector:

86CP11 compatible with 11-Pin Octal DIN-rail mountable socket or wire harness

Enclosure Material:

Extruded anodized aluminum

Enclosure Dimensions:

(L × W × H)
3.25 × 2.56 × 3.65 in
(83 × 40 × 90 mm)

Loop Dimensions:

4 × 6 ft thru 4 × 12 ft standard, custom sizes available

Loop Diameter:

0.26 in

Lead-in-Wire:

50 ft long, twisted wire in PVC jacket

Temperature:

Operating: -40 °F to 180 °F (-40 °C to 82 °C)

Loop Approvals:

UL subject 13, Type PLTC 300 V, 90 °C passes IEEE-328.210,000, BTU Flame Test Pennsylvania, Bureau of Deep Mine Safety, Approval P-MWMS-1-85

Part Number/Price

Part #	Description	Price
Consult	Relay box for additional I/O control	Consult
171093	Vehicle Detector includes pre-wired loop detectors, terminals for wiring lead wires from loops and power source. (loops not included)	Consult
78986	Loop, vehicle detection preformed, 4 ft x 8 ft loop, 50 ft lead in wire	Consult
86758	Loop, vehicle detection preformed, 4 ft x 10 ft loop, 50 ft lead in wire	Consult

AUTOMATED
TICKETING

EMX Lite Preformed Loops



Standard Features

EMX Lite Preformed Loops

- Rugged and flexible TPE tubing
- Electronic lightning protection of vehicle detectors
- Comes standard with 50 ft of twisted and jacketed lead-in wire
- Vehicle detection loop is constructed of stranded wire conductors with thermoplastic elastomer insulation jacketing
- Outer shell is flexible nonmetallic 0.26 in tubing
- Two relays—relay 2 is pulse or presence
- Loop installation requires backer rod and epoxy sealant provided by others

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Part Number/Price

Part #	Description	Price
86601	Kit, vehicle detector includes detector, socket and 4 ft x 8 ft loop with 50 ft lead in wire. No enclosure or wiring terminals included.	Consult
86759	Kit, vehicle detector includes detector, socket and 4 ft x 10 ft loop with 50 ft lead in wire. No enclosure or terminals included.	Consult