

Vehicle Loop Detector



Standard Features

- Loop diagnostics
- Loop isolation transformer
- Loop conditioner
- Aluminum RF shield housing
- Surge protection
- Loop frequency counter
- Ten 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

Part Number/Price

Part #	Description	Price
Consult	Relay box	Consult
171093	Enclosure, loop detector, loop not included must order separately	Consult
78986	4 x 8 ft loop, 50 ft lead wire	Consult
86758	4 x 10 ft loop, 50 ft lead wire	Consult

Specifications

Vehicle Loop Detector Power:

The detector is available in the following voltages: 12 VAC/DC, 24VAC, 24VDC, 110 VAC, 220 VAC. Maximum current draw 100 mA

Low Power:

Detector is available with maximum current draw of 60 mA

Temperature:

-40 to 180° F (-40 to 82° C)

Enclosure:

Extruded anodized aluminum,
(H x W x D) 3.25 x 2.56 x 3.65 in (83 x 40 x 90 mm)

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

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Operating Temperature:

-60 to 260° F (-51 to 126° C)

Overall Diameter of Loop Wire:

0.26 in

Loop Dimensions:

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

Lead-in-Wire:

50 ft long, twisted wire in PVC jacket

Loop Wire Approvals:

UL subject 13, Type PLTC 300V, 90C passes IEEE-328, 210,000, BTU Flame Test
Pennsylvania, Bureau of Deep Mine Safety, Approval P-MWMS-1-85



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Standard Features

- Rugged and flexible TPE tubing
- Electronic lightning protection of vehicle detectors
- Comes standard with 50 feet 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 inch tubing
- Two relays—relay 2 is pulse or presence
- Loop installation requires backer rod and epoxy sealant provided by others

Part Number/Price

Part #	Description	Price
86601	4 x 8 ft-3 ft range (includes 78985 - loop and 15968 - socket)	Consult
86759	4 x 10 ft-4 ft range (includes 78985 - loop and 15968 - socket)	Consult