



## Features

- Presence output
- Output B
- Pulse entry/exit
- Detect-On-Stop™
- ASB (Automatic Sensitivity Boost)
- Delay
- Normal/infinite presence
- Loop fault output

## Connections

LOOP
Loop
Shield
+V (12 to 24VAC/VDC)
-V (power supply common or VAC)
Presence - Relay 1 NC contact
Presence - Relay 1 common contact
Presence - Relay 1 NO contact
Output B - Relay common contact
Output B - Relay NO contact



PR-XX



ULT-DIN

## Technical Data

<b>Sensitivity</b>	10 levels, 0-9
<b>ULTRAMETER™ Display</b>	Indicates optimum sensitivity level, 0-9 Diagnostic aid
<b>Loop Frequency</b>	4 settings (low, med-low, med-hi, high)
<b>Loop Inductance</b>	20...2000µH (Q factor > 5)
<b>Grounded Loop</b>	Isolation transformer allows operation with poor quality loops
<b>Automatic Tuning</b>	Detector tunes to loop on power-up and following frequency count function
<b>Environmental Tracking</b>	Automatic compensation
<b>Surge Protection</b>	Loop circuitry protected by surge suppressors
<b>Presence Relay</b>	SPDT relay contacts (form C)
<b>Output B Relay</b>	SPST relay contact (form A)
<b>Contact Ratings</b>	1A @ 24VDC...120VAC
<b>Power / Loop Fault Indicator</b>	Green LED
<b>Detect / Frequency Count Indicator</b>	Red LED
<b>Detect-On-Stop™</b>	Requires vehicle to stop for a minimum of 1 second (1-2s typical)
<b>ASB (Automatic Sensitivity Boost)</b>	Increases sensitivity after initial detection to prevent dropout due to high-bed vehicles
<b>Power</b>	12VDC...24VDC, 24VAC
<b>Operating Current</b>	15mA standby / 45mA detect
<b>Operating Temperature</b>	-40°C...82°C (-40°F...180°F) 0...95% relative humidity
<b>Dimensions (L x W x H)</b>	80mm (3.2") x 23mm (0.9") x 84mm (3.3")
<b>Weight</b>	0.25 lbs. (113 g)
<b>Mounting Method</b>	DIN rail mount - 35mm width
<b>Connections</b>	10 screw terminals

## Ordering Information

- ULT-DIN Ultra DIN Vehicle loop detector, dual output, DIN rail mount
- PR-XX EMX Lite Preformed Loop (XX- specify size)



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