

Summary	Wiring for Plug-in type Vehicle Loop Detector 326 Series (326CLV-7).				
Products Affected	All Digital Gateway Doors and Doors with Wire Harness Loop Detectors.				
Key Word Tags	Loop Detector, Wiring, Harness				
Tools/Equipment (If Required)					
Parts/Materials (If Required)					
Related Media					
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Please Read The Entire Bulletin Before Proceeding



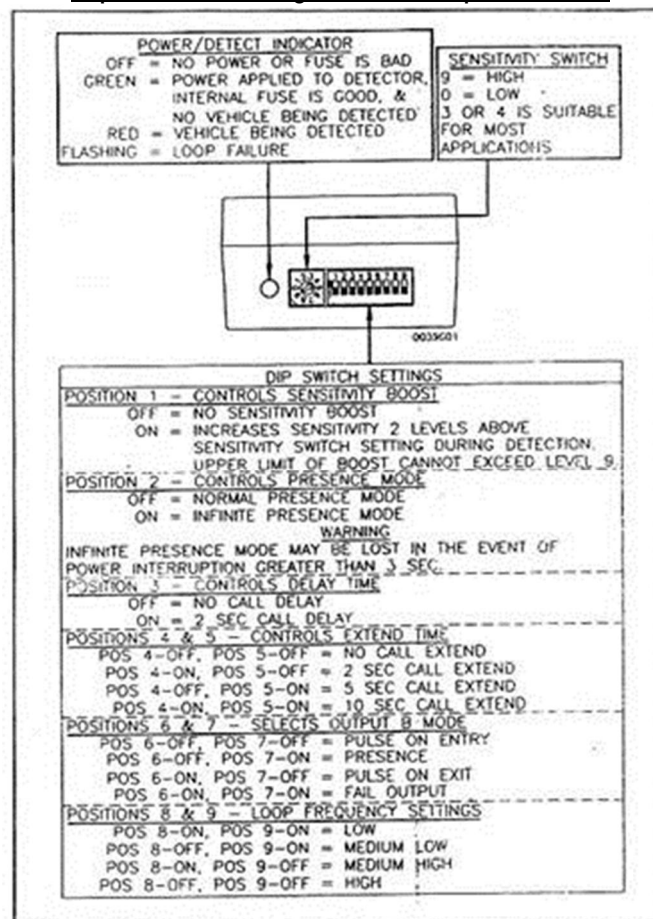
The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

Installation of this loop detector should be performed by a qualified Technician. The 326 CLV-7 326 series loop detector can be installed in any Rytec door. Rytec Corporation has used 120 VAC and 24 VAC controls in the doors.

The Loop Detector 326 Series (326CLV-7) requires either 12 VDC, or +24VAC input voltage.

PIN	HARNESS WIRE COLOR CODE	LOOP DETECTOR PIN CONNECTION
1	Black	+12 VDC/24VAC line
2	White	-12VDC/24VAC neutral
3	Orange	Output B Relay, N.O.
4	Green	Chassis Ground
5	Yellow	Output A Relay, COM.
6	Blue	Output A Relay, N.O.
7	Gray	Loop
8	Brown	Loop
9	Red	Output B Relay, COM.
10	Violet	Output A Relay, N.C.
11	White/Green	Output B Relay, N.C.
Note #2: Pin 7 (gray) and pin 8 (brown) are twisted together		

Dip switch settings on the loop detector.



Important Note:

Sensitivity boost dip switch should only be activated at sensitivity level 2 through 5. Activating sensitivity boost with sensitivity higher than 5 (Five) can result in false signals.

Digital Gateway 1200, 1215, 1100, Relay logic.

How to differentiate between Digital Gateway DG1100, DG 1215 and DG1200.

Digital Gateway 1200 is a 24 VAC door control unit. DG 1200 is printed in the lower right corner of the controller.

Digital Gateway 1215 is a 120 VAC door control unit. DG 1215 is printed in the lower right corner of the controller.

Digital Gateway 1100 is a 120 VAC door control unit. The DG 1100 has three sets of up and down arrows located directly below the red LED display.

Relay logic controller

Caution: Relay logic boards have been made in 24Vac and 120Vac.

If you are not certain of the control voltage, please contact Rytec Customer Support at 1-800-628-1909 with the door serial number.

Electrical connections for the DG 1200,1215, and 1100 Gateway using 12 VDC

Note: This is the most common connection

- Plug in loop detector to connecting harness provided.
- Connect black wire (12VDC Line) supply to terminals #29 of DG1200
- Connect white wire (Neutral) and yellow wire (output A Relay COM terminal #5) from the loop detector to terminal #31 of DG1200.
- Connect blue wire (output A Relay N.O. terminal #6) from the loop detector to terminal #30 of DG1200, DG1215, and DG1100.
- Connect the loop wire to Gray and Brown.

Electrical connections for the DG 1200 Gateway using 24 VAC

- Plug in loop detector to connecting harness provided.
- Connect black wire (24VAC Line) supply to terminals #1(24 VAC) DG1200
- Connect white wire (Neutral) to Terminals X2 DG1200
- Connect blue wire (output A Relay N.O. terminal #6) from the loop detector to terminal #1 for the DG1200.
- Connect yellow wire (output A Relay, COM terminal #5) from the loop detector to terminal #14 auto input for the DG1200.
- Connect the loop wire to Gray and Brown.

Electrical connections for the DG 1215 or DG1100 Gateway 120 VAC

Important Note: The control box may require a 120VAC to 24 VAC step down transformer. The loop detector will not work with 120VAC.

- Plug in loop detector to connecting harness provided.
- Connect black wire from the loop detector (24VAC Line) to 24 VAC transformer
- Connect white wire from the loop detector to transformer neutral.
- Connect blue wire (output A Relay N.O. terminal #6) from the loop detector to terminal #14 for the Digital Gateway.
- Connect yellow wire common from output A to terminal #10 common for the Digital Gateway.
- Connect the loop wire to Gray and Brown.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.