

STOP EXPENSIVE DAMAGES!

The **GS-DCX2** Prevents a car coming off the conveyor, from colliding with a car that hasn't left the conveyor exit area.

The system is set up to "watch" the traffic at the exit of the wash. If a collision possibility is present, the system will go into action to shut down the conveyor before the cars collide.



EXAMPLE OPERATION SEQUENCE: (The Scenario)

The first car is run through the wash. It activates the 1st sensor, Then the 2nd sensor. They both can be activated at the same time in this order, 1st then 2nd. Finally the car stops at the exit end of the wash. Only the 2nd sensor of the **ANTI-COLLISION** is active at this point. The second car is at this point coming down the conveyor to the exit end.

- 1- The first car is at exit activating the second sensor. (Should have driven away)
- 2- The second car is coming to a critical point on the conveyor where the cars will hit. This is where the 1st sensor is placed
- 3- The second car activates the 1st sensor.
- 4- The **ANTI-COLLISION** system will shut the conveyor down, before the cars hit. The beeper signals for 8 seconds. The employees have two indicators the beeper and the Super-Bright L.E.D., to tell why the conveyor is stopped.
- 5- When the first car drives away the system restarts the conveyor (if wanted).

The 1st sensor (LOOP) can be replaced with a computer function, (SEE control box DCX1). If both sensors (LOOPS) are needed then the control box should be a DCX2.

FEATURES:

- * Can Accommodate Any Standard Interlock system.
- * All Outputs Are 10amp Rated.
- * Extra Outputs For extra functions: STOP & GO LIGHTS, AIR DOOR, SIGNS, ETC.
- * L.E.D. Indication For System Status: Green- No Cars, Yellow- Car At Exit, Red- Conveyor Shut Down, Power, Relay On, And Sensor Activation.
- * Can be wired with an exit door safety switch to protect a closed exit door.
- * Loud 85db Warning beeper.
- * External Reset For Inductive Sensors.
- * All P.C. Board design. Fast Installation and repair.

REQUIREMENTS:

TWO Inductive Sensors (See Inductive Sensors GL-SM8-B or GL-14)
110vac 1 Amp Power Constant
Wired Into A Stop \ Start Station, Interlock On \ Off Switch Or A Hydraulic Solenoid Valve To Control The Conveyor

OPTIONS:

EXTRA RELAYS FOR AUXILARY OUTPUTS

GENERAL APPLICATIONS:

CAR WASH ANTI-COLLISION FOR END OF CONVEYOR
ONE LANE TRAFFIC CONTROLLER