

Vehicular detection for parking lots

Need:

A manufacturer of barriers for vehicular Access and Parking, had to remodel a series of installations to detect the presence of vehicles in an efficient manner.



Solution:

The Exemys IDX device is an inductive detector for vehicles, especially designed for vehicular Parking and Access.

The principle of detection is very simple and also the most widely used for this type of application. It detects the vehicle's metallic mass by means of a simple coil, installed in the asphalt, which emits a magnetic field. The variation of this magnetic field is detected by the IDX device, which in the presence of the vehicle, it activates an output (relay or transistor)

For this remodeling application, the IDX device was installed inside the barrier, to be able to detect the exit of the vehicle and then activate the lowering of the barrier once the vehicle abandoned the parking lot.

The IDX device is simple to install and use, and its efficiency and robustness has been proven in thousands of parking lots, toll booths and access controls.

Exemys Product



EXEMYS - IDX

