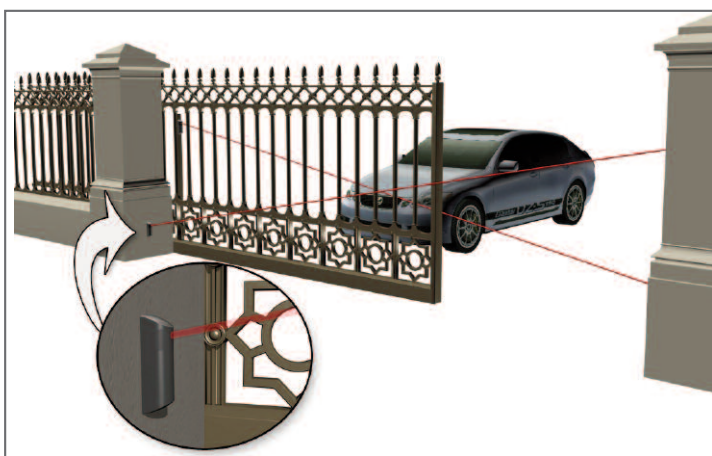


CG APPLICATIONS

CARLO GAVAZZI



Application Note: June 30th, 2009

Market involved : Doors and Entrance Controls

Product : PD180CBT30Q/MU

Customer : ---

Subject : The sensor detects any obstacles, persons, car etc. between the two sensors.

CUSTOMER ISSUE :

When mounting photoelectric sensors on a large gate it is needed to dig the cable into the ground, from the control system to the sensor.
The distance can easily be 8 m.
Is there a solution to avoid that?

OUR SOLUTION:

Using our PD180 sensor, the emitter is supplied from 2 Lithium batteries (size AA) and will last between 1,5 to 2,5 year at least, depending on the sensing distance.

An output from the receiver warns you about low batteries.

ACHIEVED BENEFITS:

- The customer does not need to dig the cable into the ground and will have a long life-time on the batteries.
- The sensor detects any obstacles, persons, car etc. between the two sensors.

