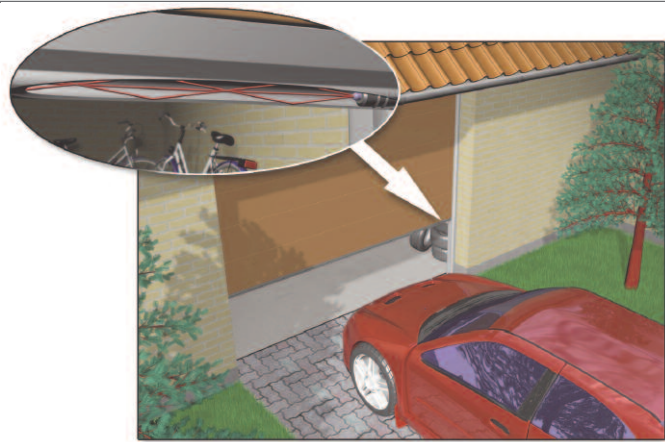


CG APPLICATIONS

CARLO GAVAZZI



Application Note: January 28th 2009

Market involved : Doors & Entrances

Product : MPF-D11-4... (set)

Customer : --

Subject : Safety edge for doors

CUSTOMER ISSUE :

At the moment it is used a sensor made for a Ø11 mm rubber profile and the standard D18 sensor is too big to fit this safety edge.

It is necessary to make sure that this safety edge can be approved in Europe and North America.

OUR SOLUTION:

Our new MPFx-D11-4 sensor is made for Ø11 mm rubber.

This sensor is only 24,5 mm long and is designed to respect the requirements from EN12453 and UL325 that specify maximum 30 mm respectively 2" length of the safety edge to be inactive.

ACHIEVED BENEFITS:

- Our new sensor fit the Ø11 mm rubber profile and the amplifier can control up to 3 set of sensors with only one mute input to verify 3 set of sensors. As the sensors are continuously automatically tested by the door controller via the sensor mute input, the sensors do not have to be inspected every half year.
An increased safety is applied the door during the whole lifetime.

