

## Applications

Customer Group	Miscellaneous - Traffic control
Country	Holland
Product	SM 9000
Variations	

### Application



### Details

SM 9000 used as WIRELESS contact:

At this crossroads, pedestrians and bicycles have to give a visual signal to drivers by using a push button installed on either side of the road. The purpose is to warn the road traffic that somebody will be crossing the road, especially in the evening and morning when it is still dark and visibility is low.

As no cable can be run from one side of the road to the other, the SM 9000 was used as a wireless solution to bring the contact to the other side.

The push button activates the transmitter and its receiver, which is located on the other side of the road, gives an output activating the visual signal. Two sets of SM 9000 are used with different channel selection so no optical cross talk can occur.

The system is powered by a solar panel and a 12 Vdc battery.

As this application highlights, there can be many potential applications where no cable can be used, or is too expensive to use.

This was a very neat, creative and secure way to set up a wireless contact.

Reference: TELCO 1311051057

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