



Sensors



Switches



Controls

Application notes



Application Note : January 2019

Market involved : Doors & Access controls

Product : LD Loop detectors

Customer : Car park system installers

Subject : Easy diagnostics and troubleshooting

CUSTOMER ISSUE :

It is of the utmost importance for the loop detector installer to know the status of the loop installed.

The installer needs to know whether the loop inductance is in an acceptable range and if the loop is correctly installed.

During the operation, maintenance personnel need to know if the loop detection system is working properly.

During power loss, the loop detector must be able to act accordingly, preventing any accidents.

OUR SOLUTION :

The multicolour LED diagnostic feature provides clear and easy to understand indications of the loop status.

The power/fault LED indicates frequency crosstalk, low signal level, automatic sensitivity boost, dip switch not reset and power status.

The loop LED indicates loop inductance range, short circuit and open circuit, so the installers are able to immediately identify the loop status.

During power loss, the loop detector can be configured to operate either to open (fail safe) or close (fail secure) the barrier.

BENEFITS :

- Complete diagnostic capability
- Easy to understand diagnostic indications via multicolour LED
- Easy troubleshooting during installation
- Constant monitoring of the loop status
- Fail Safe or Fail Secure during power loss