



Sensors



Switches



Controls

Application notes



Application Note : February 2019

Market involved : OEMs

Product : SCTL55 smart configurator

Customer : OEMs and maintenance companies

Subject : Support in design, diagnostics and troubleshooting activities

CUSTOMER ISSUE :

When an OEM is developing a new machine, he needs to set several parameters on his control system to make it work in the proper way.

When any issue occurs in the application, he spends a lot of time to understand the root cause to fix it and implement the improvements on the machine so as to reduce downtime in the future installations.

OUR SOLUTION :

The SCTL55 Smart Configurator is a portable device, battery operated and it does not need a PC, IO-Link master or power cables to operate.

The customer is able to easily connect the sensor installed in the machine, using a cable and one of the three connectors placed on the Smart Configurator to have full access to the parameters and advanced diagnostics.

Thanks to the "Configure" App it is possible to access to all the information related to the sensor: from the item number to the number of detections, operating hours, current temperature, quality of run and alarms.

In a few touches it is possible to fine tune the parameters, such as the sensing distance and switching behaviour, to better adjust it to the specific application.

BENEFITS :

- Full mobility with a handheld device
- A great tool for engineering to help in designing a new machine
- Advanced sensor diagnostics and easy troubleshooting for small to large scale applications