



Sense



Switch



Control

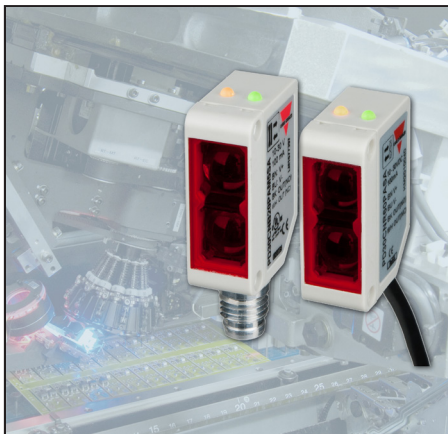


Fieldbus



EcoEnergy
equipment

Application notes



Application Note : December 2012

Market involved : Semiconductor

Product : PD30CNB20...

Customer : PCB handling machinery

Subject : Detection of PCB on a conveyor

CUSTOMER ISSUE :

How to detect the PCB and the components, considering that the black components are not so easily detected.

OUR SOLUTION :

A Photoelectric Background Suppression sensor, positioned below the PCB, allows detection of the PCB as it passes. Since the background suppression works on triangulation, the component colours do not affect the detection.

ACHIEVED BENEFITS :

- The PD30CNB20xAIS with IR light is made specifically for assembly lines, where the sensor is designed to point upwards as a Red light would blind the operator.