



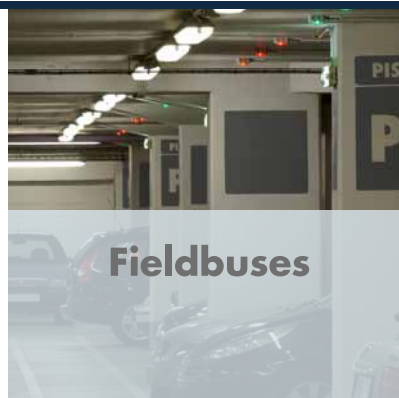
Sensors



Switches



Controls



Fieldbuses

Application notes



Application Note : June 2015

Market involved : Semiconductor

Product : FA1 and FUR series

Customer : -

Subject : Retro-reflective fiber optic cable to detect PCB board

CUSTOMER ISSUE :

To detect the presence of the PCB board by detecting the PCB body, or to position the PCB board by detecting the holes on it.

OUR SOLUTION :

To use a retro-reflective fiber optic cable, FUR series together with the amplifier FA1.

BENEFITS :

- Selectable response time and sensitivity for the best sensing.
- Small and precise retro-reflective fiber optic cable suitable for detecting small holes on the PCB, where a normal photoelectric sensor with a larger beam cannot do so.
- Flexibility in selecting dark on or light on switching.