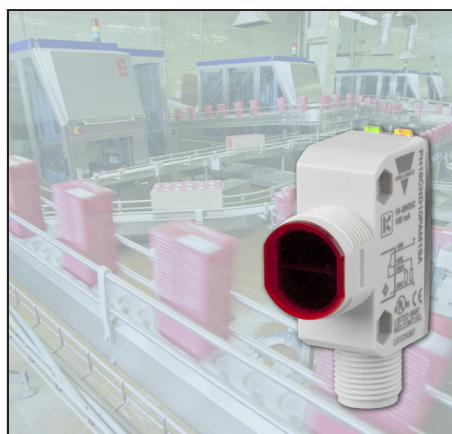




Application notes



Application Note : March 2012

Market involved : Materials Handling

Product : PH18CN...

Customer : --

Subject : Detection of shiny objects with polarized sensors

CUSTOMER ISSUE :

When using a normally retro-reflective sensor, sometimes it does not pick up the can.

OUR SOLUTION :

Using the PH18 sensor polarized version, the light emitted from the sensor is polarized in one direction and the light received 90 degree on the emitted light.

In this way, reflections is eliminated from the can and only the light coming from a reflector is detected.

ACHIEVED BENEFITS :

- The up-time on the conveyor is high while the repair cost is low.