



Application notes



Application Note : March 2013

Market involved : Materials Handling

Product : PA18CAB20 ... or PH18CNB20

Customer : OEM and distributors

Subject : Juice carton detection on a conveyor

CUSTOMER ISSUE :

How to verify the presence of juice cartons from one side, when it is not possible to mount a reflector.

It is also necessary to clean the conveyor using a high-pressure cleaner.

OUR SOLUTION :

Using the Photoelectric Background Suppression sensor, the juice cartons can be detected as they pass the sensor, regardless of the colour or pattern.

The background in close proximity to the conveyor can be eliminated.

The PA18CAB20.. or the PH18CNB20.. is **ECOLAB** approved and can withstand cleaning processes, according to IP69K.

ACHIEVED BENEFITS :

- No adjustment of the sensor is needed , for different colours or patterns of the juice cartons.
- Cleaning will not be a problem.