



Sense



Switch



Control

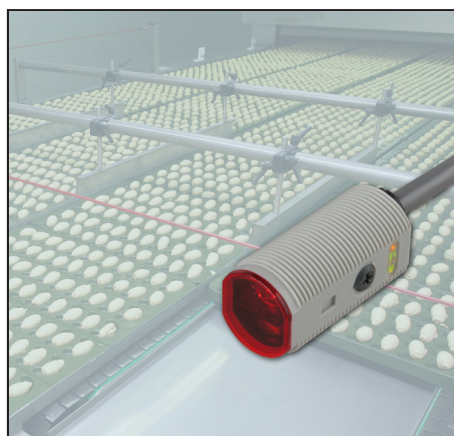


Fieldbus



EcoEnergy
equipment

Application notes



Application Note : March 2013

Market involved : Materials Handling

Product : PA18CAB20 ... or PH18CNB20

Customer : OEM and distributors

Subject : Detection of a baking tin content

CUSTOMER ISSUE :

How to detect bread presence in a baking tin, without detecting the shiny bottom of the baking tin itself.

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

OUR SOLUTION :

Using the Photoelectric Background Suppression sensor, it is possible to set a certain depth, which does not detect the bottom of the baking tin.

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 kinds of bread.
- Cleaning will not be a problem.



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Application Note : March 2013

Market involved : Materials Handling

Product : PA18CAB20 ... or PH18CNB20

Customer : OEM and distributors

Subject : Bottle cap inspection

CUSTOMER ISSUE :

How to be sure that the cap is correctly mounted on each bottle on the conveyor.

OUR SOLUTION :

Using the M18 Photoelectric Background Suppression sensor it is possible to detect the cap from the top, while another sensor detects the bottle.

The BGS sensor assures safe detection, independent of the material of the cap.

ACHIEVED BENEFITS :

- No adjustment of the sensor is needed for different colours or materials of the cap.



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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.

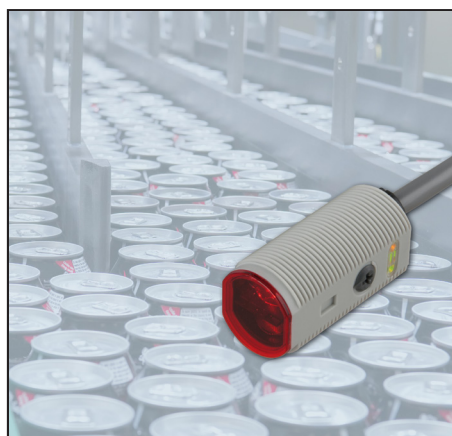
The PA18CAB20.. or the PH18CNB20.. is **ECOLAB** approved and can withstand cleaning processes, according to IP69K.

ACHIEVED BENEFITS :

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



Application notes



Application Note : March 2013

Market involved : Materials Handling

Product : PA18CAB20 ... or PH18CNB20

Customer : OEM and distributors

Subject : Can level detection

CUSTOMER ISSUE :

How to detect if the cans on the conveyors are filled.

OUR SOLUTION :

Using the M18 Photoelectric Background Suppression sensor it is possible to detect the content from the top, while another sensor detects the can position.

The BGS sensor assures safe detection independent of the colour or the material of the content.

ACHIEVED BENEFITS :

- No adjustment of the sensor is needed for different content of the cans.