



Application notes



Application Note : May 2016

Market involved : Food & Beverage

Product : PD30ETxx

Customer : System integrators, installers

Subject : Detecting missing lids of yoghurt pots

CUSTOMER ISSUE :

Multi-coloured cartons used in the dairy and juice industries constitute a significant challenge to object detection in the manufacturing process.

For example, in the production lines of yoghurt pots, the presence of lids must be detected and it is essential that the lids are not confused with the yoghurt in the pots.

OUR SOLUTION :

Our PD30 background suppression sensors detect all colours on objects at the same distance from the sensor.

Their durable design withstands daily cleaning processes including high-pressure water jets (IP69K) as well as aggressive cleaning agents.

BENEFITS :

- The sensor lasts longer in the application with less maintenance.