

APPLICATION NOTE NO. 15

DOES YOUR APPLICATION NEED A LEAD EDGE SOLUTION? THE SUPERPROX® SM607 CAN SOLVE IT

APPLICATION:

Detection of the presence or position of the edge of any material that is as small as 0.003" thick and affixed to a relatively flat or slightly curved object.

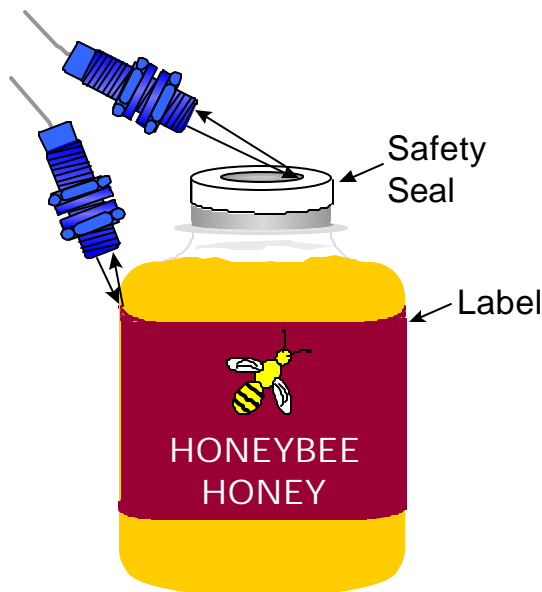
Some of the application successes using the SM607:

- > Labels on a continuous web
- > Labels on bottles and cans
- > Labels on general food containers
- > Safety seals

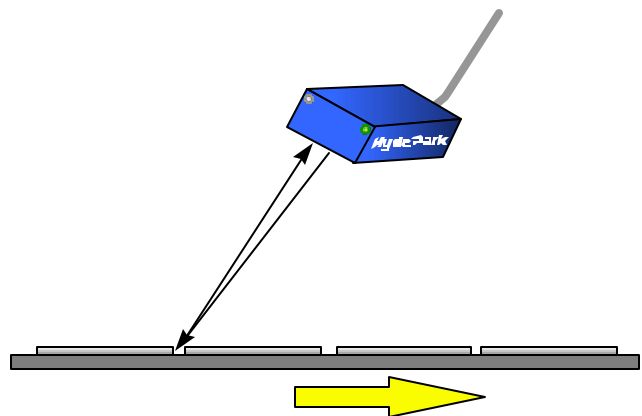
ULTRASONIC SOLUTION:

SUPERPROX® SM607 Small Target Proximity sensor used as an ultrasonic label or safety seal sensor. This sensor series offers a fixed sensing window as small as 3 mm (0.125") with a sensing range of 51 mm (2"). The deadband is as short as 38.1 mm (1.5") for closer object detection with a sampling rate of 0.5 ms. The SM607 is available in both the 18 mm ULTEM® plastic/stainless steel barrel and flat profile housing.

BOTTLE APPLICATION



TYPICAL WEB APPLICATION



See page 3-75 in your Hyde Park Catalog, Volume 101, for further information and sensor specifications.

Another sound solution from...The World Leader in Ultrasonic Sensing.