

APPLICATION NOTE NO. 14

IS YOUR REJECTOR OUT-OF-CONTROL? REEL IT IN WITH THE SUPERPROX® SM656A-A32-04

APPLICATION:

Soft-touch reject mechanisms used in the beer & beverage industries require accurate and reliable removal of unacceptable containers from the conveyor. The higher the line speed, the higher the accuracy and reliability required by the sensor to ensure the rejector rejects the unacceptable container upon detection.

ULTRASONIC SOLUTION:

SUPERPROX® SM656A-A32-04

0 to 10V Analog Output

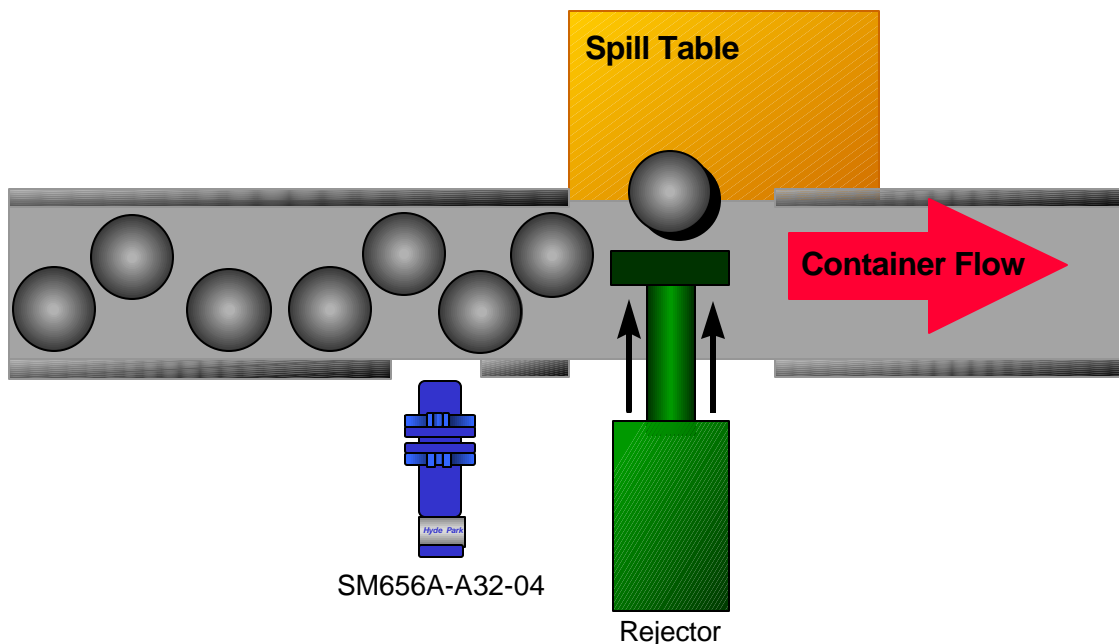
18mm Threaded or Flat Profile Housing

Cable or Connector Style

2" Window from 1 1/2" to 3 1/2"

1.5 mS Response

The sensor serves as the “sonic ear” for accurate activation or control of a high speed reject mechanism. It provides a profiling pattern of every passing container through its analog output signal supplied to the reject mechanism’s microprocessor. From the analog signal, the microprocessor determines when, how fast and how far the reject arm must move to remove a container from the conveyor without damaging the container or spilling its contents.



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