



Ref 060304JW

Application Title

Bowl feed fill sensor

Application Details

The customer had a reflective ultrasonic sensor fitted to a bowl feeder. This was supposed to signal for more products when the fill level ran low.

Because the product was an irregular shape the sensor did not get a clean reflected signal back and was very unreliable.

Solution Provided

More Control supplied a retro reflective ultrasonic sensor and a timer. This sensor learns the distance from the sensor to the surface of the empty bowl. When it can not see this distance it generates a signal.

This method can reliably detect any shape, size and colour of object with ease. The timer was used to ignore gaps in the product and only signal when the bowl was truly low in product.

Part Numbers

UTS-1180C-303
H3DE

Budget Value

£130

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