



Application notes



Application Note : January 2014

Market involved : Agriculture

Product : UA30CAD60

Customer : OEMs

Subject : Detection of food level in large storage silos

CUSTOMER ISSUE :

In the agriculture market, manufacturers of animal feed usually have a maintenance contract with the farmer to deliver the feed to the farm.

The objective for the farmers is to regulate the quantity of feed present in silos.

OUR SOLUTION :

Our new M30 ultrasonic sensor, with 6 m sensing distance is the ideal device for this application.

Mounting this ultrasonic sensor with analogue output at the top of the silo allows the quantity of animal feed in the silo to be measured, so that the period of consumption can be calculated.

This enables the amount of animal feed stored in the silo to be controlled, leading to greater efficiency.

BENEFITS :

- Reducing the amount of feed in the silo will lead to money saving.
- The feed distributed to the animals will be fresher.