



Application notes



Application Note : June 2014

Market involved : Agriculture

Product : CA30CA.. or CA30CA..DU

Customer : --

Subject : Detection of dry soya beans in a combine harvester.

CUSTOMER ISSUE :

How to detect the level of very dry grains of corn, hard red winter wheat or soya beans in combine harvesters in order to monitor the production output from the field.

OUR SOLUTION :

Our 4th generation TRIPLESIELD™ capacitive sensors are designed to detect dielectricity of objects as low as 1,5. These sensors have an improved dust and humidity compensation circuit, ensuring safer detection of the grain.

The sensors are available with a dust alarm function which sends a signal when the sensors need to be cleaned.

BENEFITS :

- The 4th generation TRI-PLESIELD™ capacitive sensors are based on our experience in the field, allowing reliable detection of the grain.
- The dust alarm output prevents downtime and false readings of the field output.