

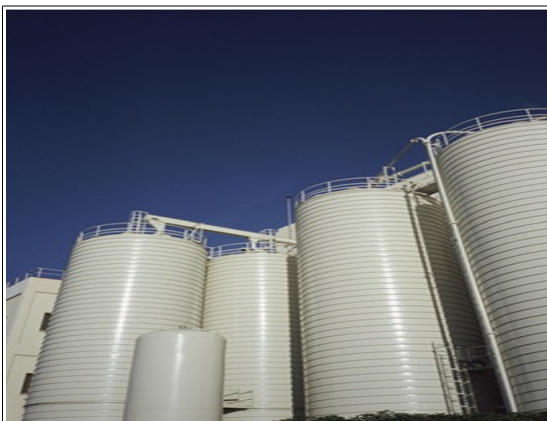
DIMETIX APPLICATION EXAMPLE

AE-0503

SILO LEVEL MEASUREMENT

Industry : Logistics / Process
Application type : Level measurement / Monitoring

Brief description



Pic 1: Silos

Industries such as plastic molding, food processing, and construction materials all rely on bulk materials. As these industries move even closer to just in time manufacturing, the ability to produce accurate, reliable, and repeatable level measurements is becoming increasingly important. This means that high inventories of raw materials should be avoided if possible. Dimetix laser distance sensors help you to determine the exact level of your silos at any time. This allows you to optimize your raw material stock.

Dimetix sensors measure accurately at longer distances (≥ 65 meters) on a wide variety of materials, without making contact with the materials being measured. Reliability and repeatability of laser measurements are also independent of color and material.

Surfaces consisting of white plastic pellets are measured as accurately as those composed of dry or wet gravel. Even in the case of semitransparent plastic resin pellets, enough light is reflected back to the sensor to obtain accurate and reliable measurements.



Pic 2: Dimetix Laser measures on white plastic pellets

Customers advantages

- Non-contact measurement, which is beneficial in any number of industries.
- Production delays and breakage eliminated
- Measurements can be acquired by a PLC or PC
- Maintenance free → no breakable moving parts
- Economical, rugged, and compact package

Please click press [here](#) for additional information about products or applications

