

Food and Beverage Industry Solution for Grain & Feed Silo Level Measurement

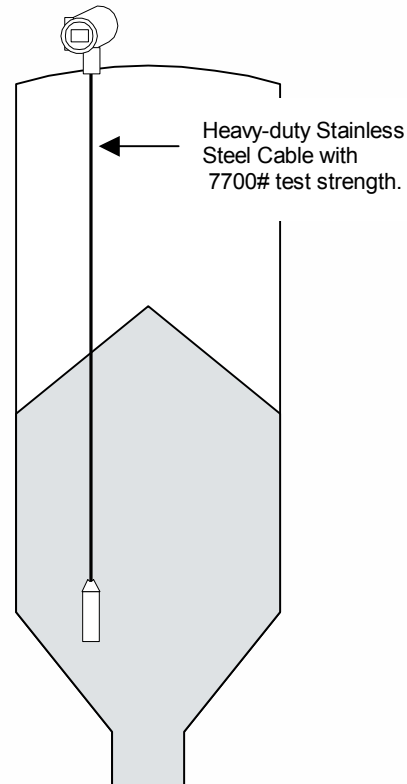
Inventory Control Level measurement on Raw Feed Silos allow Material Management Automation

THE PROBLEM

- Ultrasonic level measurement technologies do not provide the reliability or accuracy that is required for material management in grain and feed silos.
- Radar systems are unable to “see” reflections from most grains and feed stocks. Reliability and accuracy issues are common.
- RF Capacitance technologies do not provide the needed accuracy and require re-calibration with raw material variations.
- Mechanical technologies that use moving parts such as automatic plumb bobs require costly on-going maintenance.
- Manual readings do not provide the repeatability or the consistency that is required to automate material management.

THE SOLUTION

- AMETEK Drexelbrook DR7100 Series Guided Wave TDR level systems provide accurate level readings on all grain and feed silo level applications to 100 ft and greater.
- Reliable and Repeatable measurement accuracy within 1” of actual level with 0.04” resolution.
- Plug and Play Start-up, No calibration required.
- Easy configuration for 0% & 100% - just set it and forget it.
- No Maintenance, No moving parts, nothing to wear out, accuracy and performance unaffected by dust coatings.



Grain & Feed Level In Silo

Other Solutions:

- | | | | |
|------------------------|-------------------|-------------------|-------------------------|
| • Grain silos | • Feed Hoppers | • Caustic storage | • Rotating Filler lines |
| • Raw material storage | • Dryers | • Blenders | • Sanitary systems |
| • Dust collectors | • Solvent storage | • Oil storage | • Cyclones |

Typical Uses:

- | | | |
|----------------------------|-----------------------|-------------------------|
| • Continuous Level Control | • Point Level Control | • Waste Management |
| • Inventory Management | • Overfill Protection | • Regulatory Compliance |

U.S.A. Sales: 800-553-9092 • 24-Hour Service: 800-527-6297 • International Support: 215-674-1234 • Fax: 215-674-2731

AMETEK®
DREXELBROOK

205 Keith Valley Road
Horsham PA 19044 U.S.A.

E-mail - drexelbrook.info@ametek.com
Web - www.drexelbrook.com

AMETEK Nihon Drexelbrook
2 Chome • 12-7 Minami Gyotoku
Ichikawa City • Chiba 27201 Japan
Phone: 81-473-56-6513
Fax: 81-473-56-6535
E-mail: nd@nihon-drexelbrook.co.jp

AMETEK Singapore Pte. Ltd.
10 Ang Mo Kio Street 65
#05-12 Techpoint • 569059 Singapore
Phone: 65-6484-2388
Fax: 65-6481-6588
E-mail: aspl@ametek.com.sg

AMETEK Precision Instruments Europe
Rudolf-Diesel-Strasse 16
D-40670 Meerbusch Germany
Phone: 49-2159-9136-0
Fax: 49-2159-9136-39
Web: www.ametek.de