

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

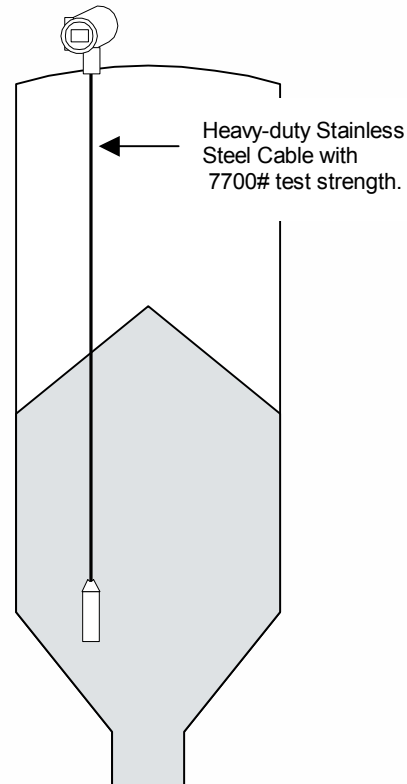
### Inventory Control Level measurement on Raw Feed Silos allow Material Management Automation

#### 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

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