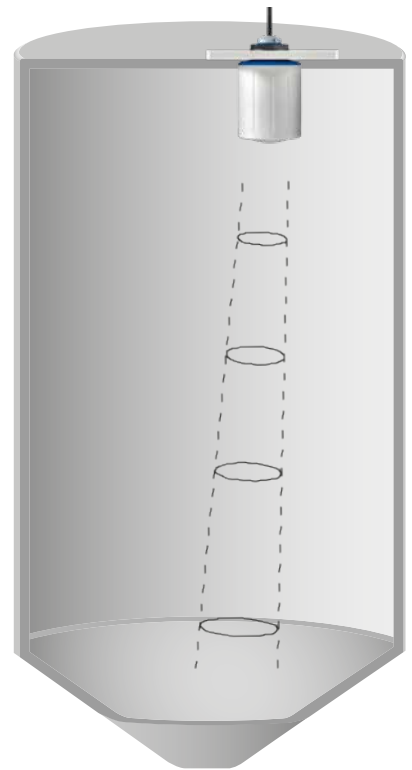


NivoRadar®

Configuration via
UWT LevelApp

Radar Sensor for SOLIDS

A high frequency signal is transmitted with a very small beam angle with two-wire technology. The signal is reflected by the bulk material and received back to the sensor. The frequency difference, which is directly proportional to the distance, is then further processed and output as the level signal. Thanks to the high degree of protection for bulk solids applications, the sensor is ideal across all industries. Installation is also possible outdoors on free-standing stockpiles.



NR 4100

Mounting thread

Measuring range up to 30m



Mounting flange

Measuring range up to 30m



Our Solutions for:

- Lightest and heavy bulk goods
- Dusty environments
- Condensation and strong caking
- Use in narrow, medium-sized silos up to 30m
- Optimum reflections of bulk material with material cone
- Corrosion resistance in aggressive materials
- Potentially explosive areas
- Individual positioning of the sensor

Special Features:

- ✓ 2-wire technology
- ✓ Compact with 1" connection thread (PVDF)
- ✓ Various mounting accessories
- ✓ Measurement up to antenna tip (no blocking distance)
- ✓ High sensitivity (DK value ≥ 1.1)
- ✓ 80 GHz technology
- ✓ 4° narrow beam angle
- ✓ Potted PVDF housing
- ✓ Ingress protection IP66/ IP68
- ✓ Temperature solution -40°C to +80°C
- ✓ High measurement accuracy ($\pm 2\text{mm}$)
- ✓ Quick-Start Wizard
- ✓ WHG certification