

## Overview

### Features

- Continuous level measurement of liquids and solids in standard applications in nearly all industries with 80 GHz FMCW radar
- Suitable for measurement of liquids in storage tanks and for water treatment
- Suitable for measurement of solids in small and medium storage silos and in open containers
- Measurement through the wall of a plastic tank is possible as well

#### Measurement range

- Up to 15 m (49.2 ft)

#### Mechanic

- Housing and antenna made of PVDF for high chemical resistance
- Simple mounting due to threaded process connection
- Accessories for further mounting options

#### Service

- Plug and play system, simple installation and commissioning
- Programming / communication wireless with standard mobile device or with push buttons

#### Approvals

- Approval for use in Hazardous Locations (Gas)
- 2011/65/EU RoHS conform



NR 7100 and  
 NR 7200 without Display  
 (non transparent lid)



NR 7200 with Display  
 (transparent lid)

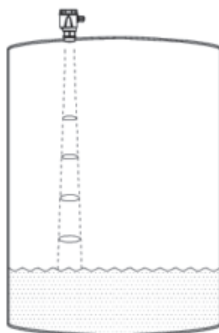


NR 7200  
 Plug on Display  
 With push buttons

## Application

### Liquids measurement

Closed bins



Vertical installation without aiming of the antenna

Open arrangements



### Solids measurement

Closed bins



Aiming of the antenna to the center of the silo allows measurement down to the bottom

Open arrangements

