

BINMASTER[®]

NCR-86 non-contact radar

ONE SENSOR *fits every application*

Continuous level measurement of liquids and bulk solids

The BinMaster NCR-86 is a universal radar sensor for continuous level measurement of liquids and bulk solids for all process conditions.

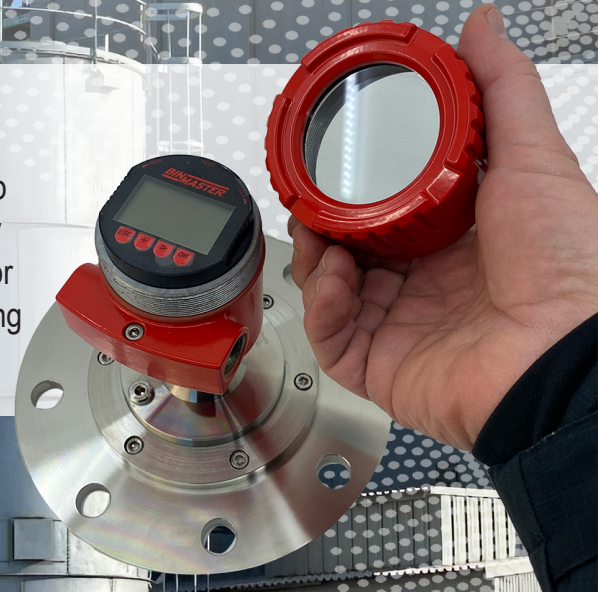
One tough radar built with smarts

With powerful and accurate 80 GHz measuring frequency built-in, you are assured maintenance-free operation in any solid or liquid in any bin, silo, or tank. Robust construction, rugged enclosures, and encapsulated electronics ensure the NCR-86 works reliably and safely even in excessive conditions.

Two convenient set-up options

Simply step through configuration and setup using the BinMaster Sensor App on your phone or PC. Or use a single BinDisc module to quickly set up every NCR-86 sensor at your location. Using either option, get a custom solution for any level application. Select parameters for material measured, hot or freezing conditions, hazardous or corrosive environments, and much more.

BinMaster.com
(402) 434-9102



One radar. Any solid or liquid. Super simple!



What makes NCR-86 great?

Solids or liquids: This versatile radar level sensor has built-in 80 GHz frequency making it adaptable to material of any bulk density or specific gravity.

Accuracy and measuring range: Accuracy of ± 1 mm at distances up to 393 feet (120 meters).

Small dead zone: The radar detects and measure material almost to the top of the vessel.

Protection from cyber-attacks: Designed to IT Security standard IEC 62443-4-2, the toughest established for the industrial process industry.

Hot temperatures, high pressure: Wide range of process temperatures -196 to +450 C and process pressures from -1 to 160 bar (-100 to 16000 kPa).

Immune to extreme environments: Radar ensures precise measurements in excessive dust, hot steam, or extreme noise.

Functional safety: SIL, IEC 61511 turned on or off reduces the risk of failure and prevents or mitigates the threat of hazardous events.

Bulk material monitoring

Inventory access from BinCloud

Fast and accurate in challenging conditions

Non-contact, **maintenance-free** operation

One sensor configures to any application

Adjust the sensor for **any vessel or material**



solids, liquids
bins, tanks, silos
MEASURED!

Custom configuration for NCR-86

Aluminum, plastic, and stainless-steel **housings**

2- or 4-wire **4-20 mA/ HART** and Modbus outputs

Adapter flanges, mounting straps or swiveling holders

Non-EX or with CSA, **ATEX**, or IEC approvals

BINMASTER

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