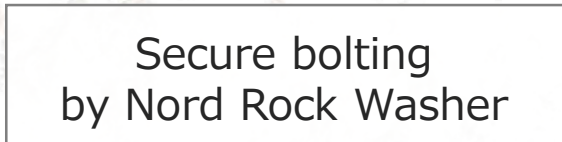


# Matsushima Radar selected at food industry one after another!!



Easily adjustable angle  
with swiveling  
mechanism flange!



Secure bolting  
by Nord Rock Washer



Silicon-free  
for food industry



## ■ Radar Level Transmitter MWLM-PR26 series

Radar Level Transmitter is a non-contact type level meter which can be applied for various applications including powder, granular, and bulk solids materials.

Due to 26 GHz frequency band, Matsushima Radar Transmitter can make stable measurement even in dusty environment, so it has been selected at lots of food milling industry one after another!

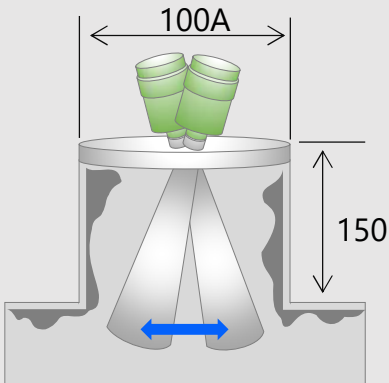
We also support various applications based on our abundant experience and achievements!

Since all units for software as well as hardware are manufactured in our factory, we support customers with short delivery times, stable supply, and quick maintenance.

MC-161025-02

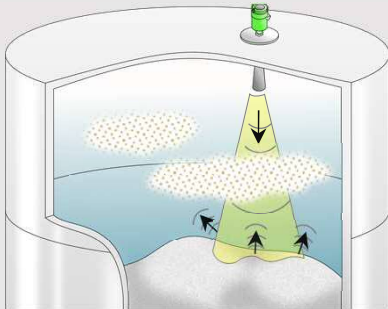
## What is the advantages of 26GHz Radar Level Transmitter?

### ■ Easily angle adjustment and stable measurement



For example, if the nozzle size is 100A, L = 150mm, Radar Level Transmitter can be adjusted within  $\pm 8^\circ$ . It makes it receive more reflected wave from the level surface even though the level has some repose angle. In addition, since horn antenna is inside of silo, the level measurement is not influenced by material adhesion the nozzle.

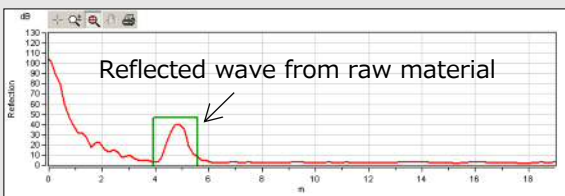
### ■ Stable measurement of powder with dust and repose angle



Even in dusty condition, Radar Level Transmitter is unlikely to be influenced by flying dust, and since it irradiates relatively large area, some reflected wave returns to the sensor. Furthermore, since it applies a horn antenna, it can reliably receive even small signals.

### ■ Reliable measurement even for the powder with low specific gravity !

Measuring waveform at wheat bran silo



It can make stable measurement even for powders with low specific gravity such as "wheat bran".

### ■ Reference for thin silos

#### Reference

Flour $\phi 2.3\text{m} \times 24.5\text{H}$
Wheat bran silo 17mH, 2 split
Corn starch $\phi 3.2\text{m} \times 14.3\text{mH}$
Wheat bran D silo $\phi 3\text{m} \times 22.187\text{H}$
Wheat bran silo $\phi 2.4\text{m} \times 18\text{mH}$

We have supplied various application including thin silos and divided silos.

Distributor

**Matsushima Measure Tech**

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