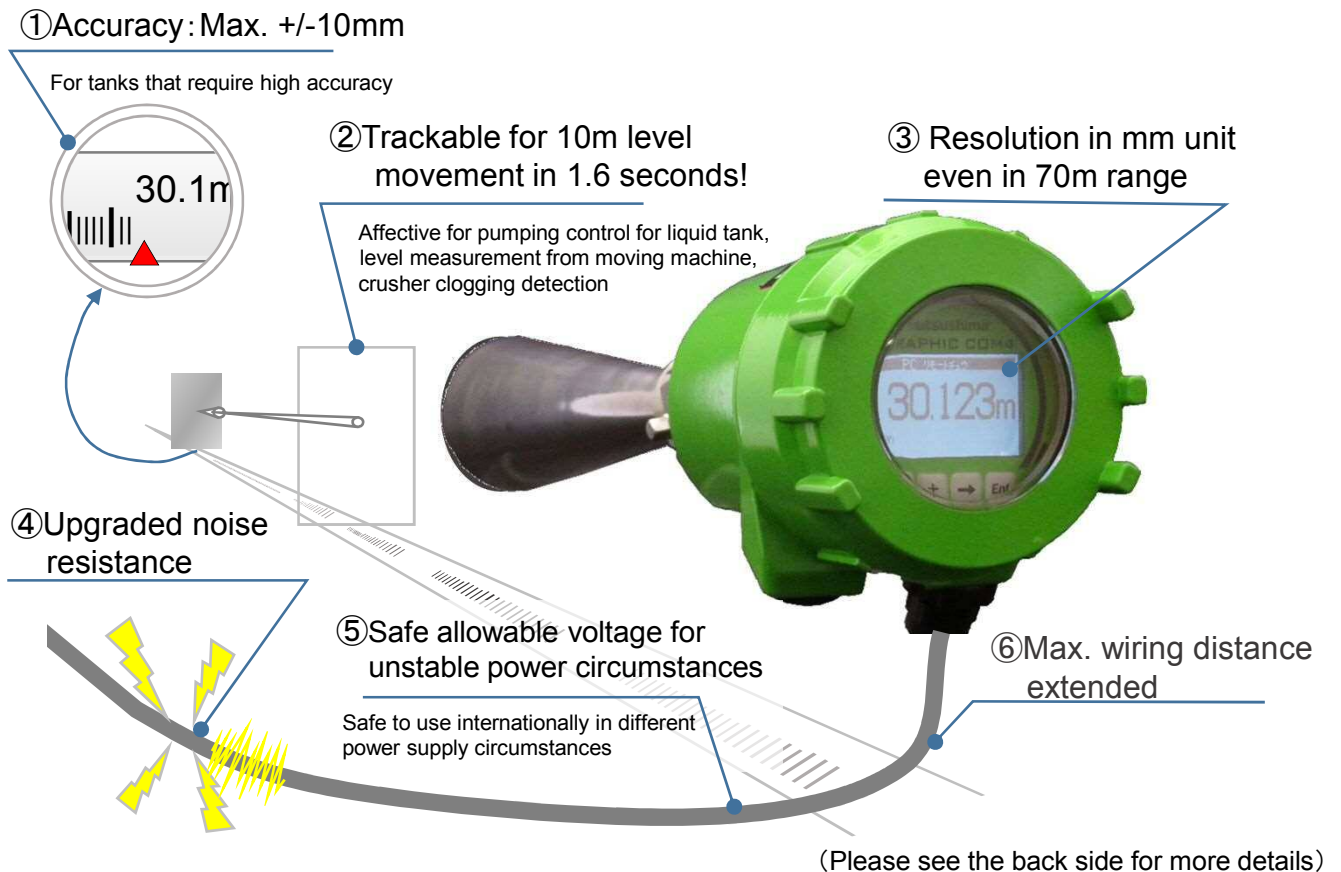


# Radar Level Transmitter

## Newly upgraded & re-debuted



Our Radar Level Transmitters, MWLM-PR series, have been supplied and solved lots of applications since its first release 6 years ago, and we have experienced various level measurement applications.

Through past experience, we redesigned Radar Transmitter for our customer's convenience and their efficient operation.

In this spring, finally the Upgraded Matsushima Radar Transmitter was completed and newly released, and can satisfy a wider variety of customer's demands with improved performance.

# Version 2.0

## ① Improved accuracy

Double measuring accuracy!

Model	Before	Upgraded version
H7, H3	±50mm	≤1.2m: ±20mm >1.2m: ±10mm
H2, H1, C1	±50mm	≤1.2m: ±30mm >1.2m: ±20mm

## ② Improved tracking performance

Faster response time & better tracking performance than the Ultrasonic Level Meter

Distance	Before	Upgraded version
10m	6.2sec (2.6sec)	1.6sec
70m	9.0sec (11.2sec)	5.2sec

※Response time depends on measuring distance & adjustments.

※ ( ) is the response time for Ultrasonic Level Meter.

## ③ Improved resolution

Resolution of current output has improved and possible to show in mm unit.

	Before	Upgraded version
Resolution	1.6μA	0.3μA

## ④ Upgraded noise resistance

Enhanced resistance against noise. Noise at the site is inseparable, but now, it won't be affected by most noise.

※Please contact us for more detail.

## ⑤ Expanded allowable power

Reliable under unstable power circumstances where voltage fluctuates

LCD Display	Before	Upgraded version
No LCD	DC20~32V	DC13~36V
With LCD	DC20~32V	DC17~36V

## ⑥ Wiring distance increased

Load resistance has improved from 499Ω to 650Ω!  
Max. wiring distance extended.

	Before	Upgraded version
Max. wiring distance	4.7km	7.6km

Conditions : Power supply DC24V, Load resistance 250Ω,  
Cable (AWG#18, dia.0.75mm<sup>2</sup>, Load resistance 26Ω/km)

### Other feature for this upgrade

- View angle, contrast, and color of LCD have improved.
- Additional backlight on/off/auto switching function.
- Can adjust the LCD display by PC with the installed adjustment software.

※Explosion proof Radar Level Transmitter has not supported with this new version yet.



For more info

Access our website!

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Search

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