

Measurement Unlimited by The Imagination.

Non-contacting Radar Level Gauge
MW-10 & MW-11



intelligent
DIGITAL

Features

1. Wide Measuring Range

Up to 100m Max.

2. Flow & Volume Calculation

“Extended calculation mode” outputs for open channel flow rate by weir or flume combination.

3. ±2mm High Accuracy

TOKYO KEIKI's advanced pulse technologies achieve +/-2mm accuracy.

4. Non-contacting commissioning

Bluetooth communication has been equipped as standard.

Android base APP makes non-contacting parameter setting achieve

5. Rapid Tracking

“Full-range Search Mode” boosts detection speed and track up to 2.5 m/sec level change

Specifications

| | | | | | | |
|-------------------|----------------------|---|---------------------------|-------|---------------------------------|--------|
| Measurement | Measuring principle | Frequency Modulated Continuous Wave Radar | | | | |
| | Operating frequency | 77~81GHz | | | | |
| Performance | Antenna type | 40mm Antenna | | | 80mm Antenna | |
| | Range | 0~10m | 0~15m | 0~30m | 0~50m | 0~100m |
| | Deviation | ±2mm | | | ±2mm (1~10m) or ±0.02%RD (10m~) | |
| | Beam angle | 6° | | | 3° | |
| Output | MW-10 | Analog Output | 4-20mA + HART / Bluetooth | | | |
| | MW-11 | Digital Output | RS-485 / Bluetooth | | | |
| Operational Power | MW-10 | DC12~36V | | | | |
| | MW-11 | DC10.5~36V | | | | |
| Mass | 40mm Antenna | Approx. 500g | | | | |
| | 80mm Antenna | Approx. 700g | | | | |
| Temperature | -20 ~ +60 C deg | | | | | |
| Pressure | Atmospheric pressure | | | | | |



Design and specifications are subject to change without prior notice, and without any obligation on the part of the manufacturer.



CAUTION Before operating this equipment, you should first thoroughly read the operator's manual.

TOKYO KEIKI

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Measurement Systems Company

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