

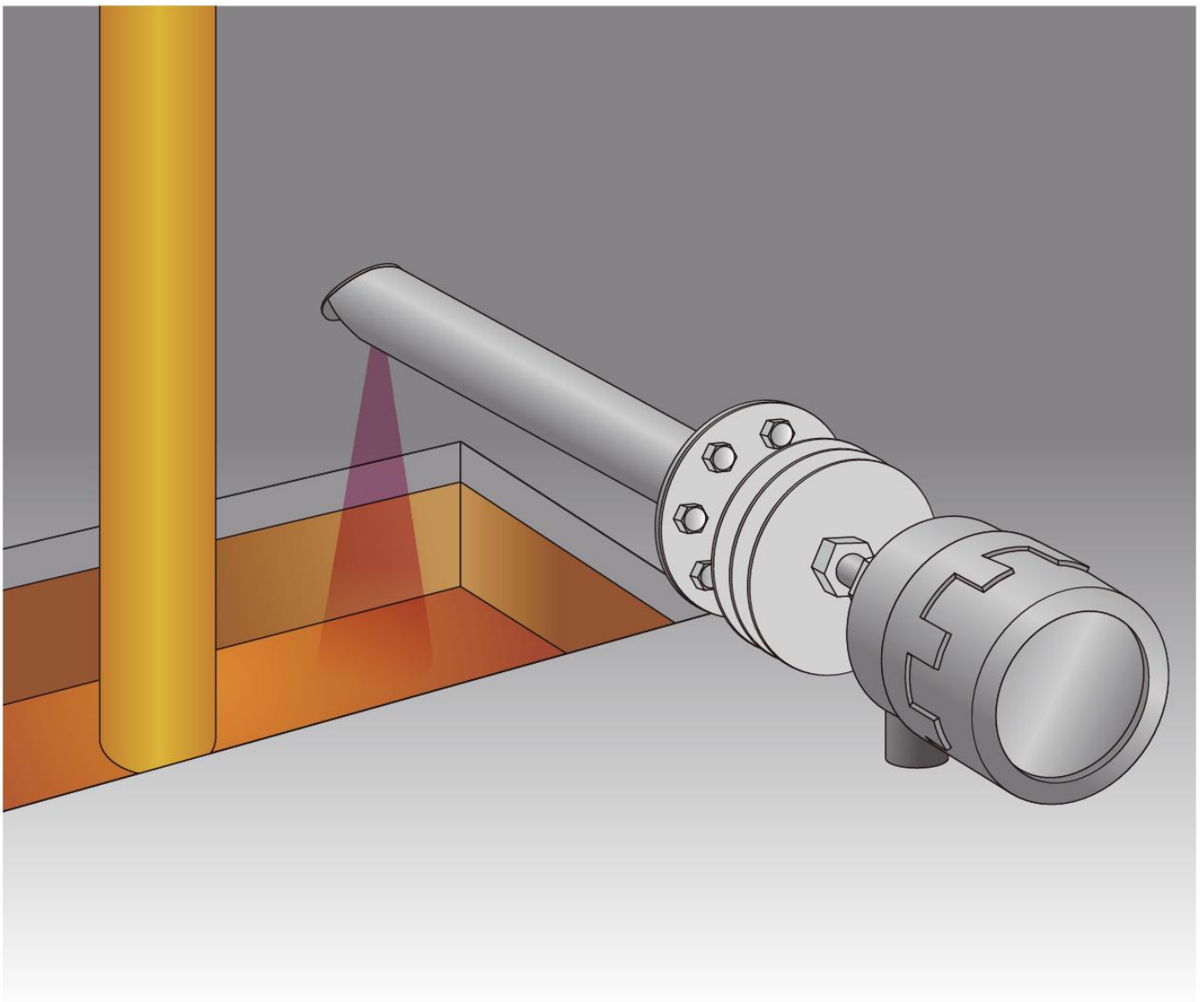


# Millimeter wave type Mold Powder Level Sensor

**MWS-ML-1** PAT. PEND.

## Milli-Leveler

Millimeter wave type mold powder level sensor can measure with high accuracy.



**WADECO CO.,LTD.**

# The level of mold powder can be accurately measured continuously.

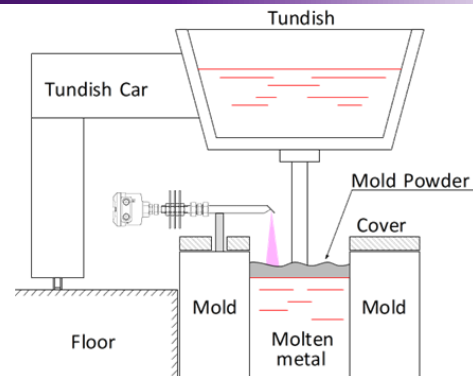
## Features

- **Excellent environmental resistance**  
Stable measurements can be taken in high temperature or dusty environments.
- **High precision, high resolution and high response measurements**  
Accuracy of  $\pm 2\text{mm}$  or less and a response time of 5msec make it suitable for use as a mold powder level control sensor.
- **Compact and lightweight**  
Its compact and lightweight design makes it easy to install.
- **Measurement is possible even in confined spaces**  
By using millimeter waves, it is possible to measure in narrow spaces where the eddy current type sensor is not possible.
- **Measurement of mold powder thickness**  
Combined with the eddy current type sensor, the thickness of mold powder can be measured.
- **Without mold powder, the molten metal level can be measured.**

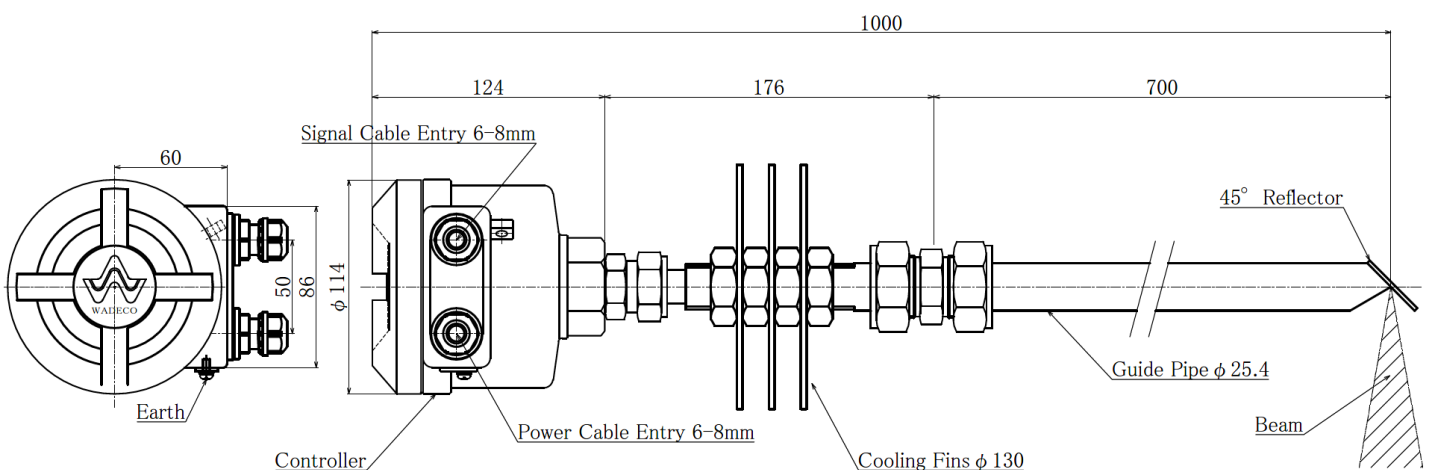
## Specifications

Model	MWS-ML-1
Range	0 ~ 1,000mm
Accuracy	$\pm 2\text{mm}$ or less
Update time	5msec.
Level output	4 ~ 20mA
Power supply	DC24V
Ambient temperature	Antenna : Max. 700°C Controller : $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

## Installation example



## Outline dimension drawing



These specifications may be changed without notice.



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