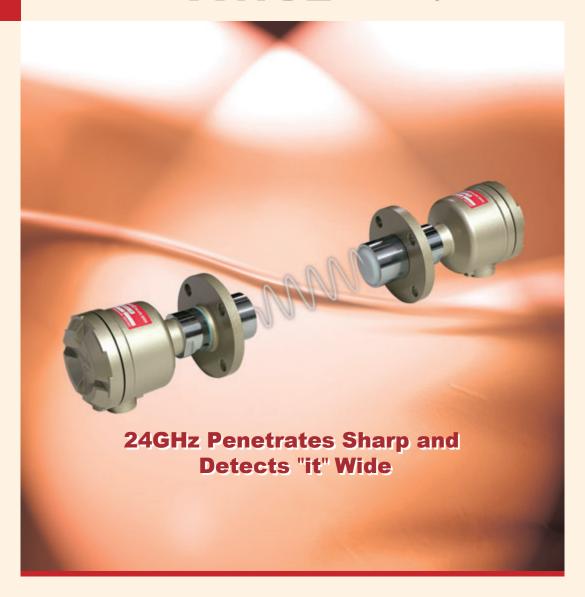
MICROWAVE TYPE LEVEL SWITCH Model MWS2-24TN/24RN



The attenuation of microwave detects levels of powder, granules and blocks as well as pulverized materials.

MWS2-24TN/24RN

MICROWAVE TYPE LEVEL SWITCH

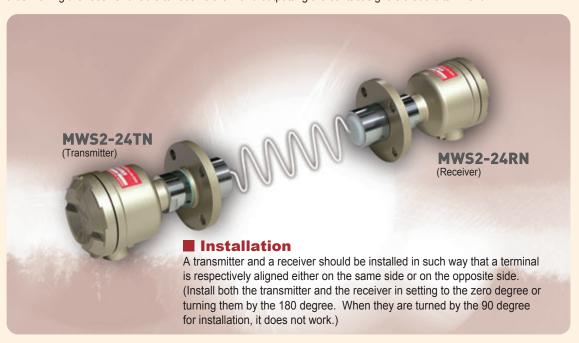
Reliable detection for wastes, coal, ballast, granules and others

24GHz Microwave — Compact, Light and Quality Level Switch

- It may hardly be affected by dirt, fouling, or scale adhesion on the sensing surface.
- A new type of transmitter and receiver of 24GHz being adopted, it is compact and light.
- Wiring and necessary adjustment are easier with a new design on P.C.B.
- It can accurately detect the paper garbage whose detection was impossible by any other detecting methods.

■ Principle of Operation

MWS2 Type Microwave Switch is a level switch consisting of a transmitter and a receiver, both of which are installed face to face each other. The transmitter (MWS2-24TN) transmits microwaves in 24GHz toward the receiver (MWS2-24RN), which, upon receipt of them, provides an output of the contact signals that the tank is empty. When there is an obstruction between the transmitter and the receiver, however, microwaves are reflected and absorbed, thus making the receiver unable to receive them and outputting the contact signals that the tank is full.



Specifications

Type Designation: Transmitter = MWS2-24TN

Receiver = MWS2-24RN

Power Supply: 105/210VAC ±10% 50/60Hz

Frequency: 24GHz

Operating Distance: Switching System by Range SW

Switch Position	Setting Detrct
1	15m
2	25m
3	35m

*It is set to [1] in shipment

Output Contact: 1×SPDT. 250VAC 5A

Delay Function: ON Delay 0.1 to 10 seconds **Power Consumption:** Transmitter 2VA, Receiver 5VA

Ambient Temperature: -20°C to +60°C

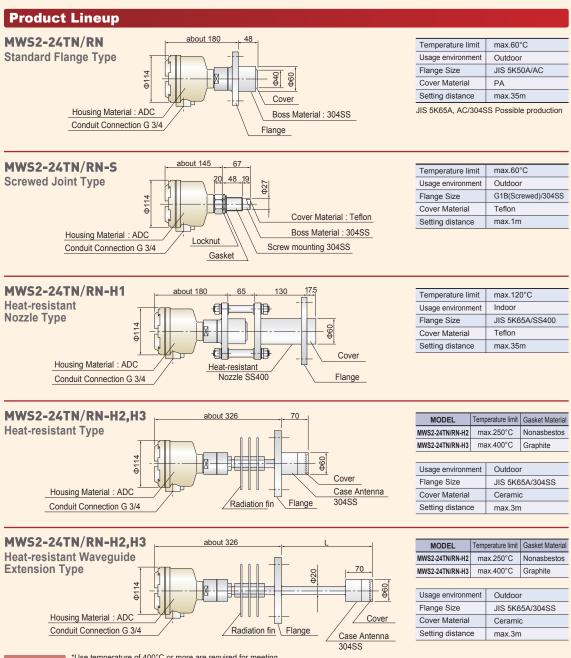
Enclosure Rating: IP-67

Color: Gold

Weight: Transmitter 1.80kg

Receiver 1.85kg

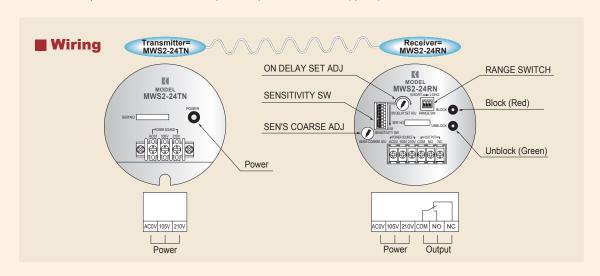
Flange: 5K 50A JIS (AC)

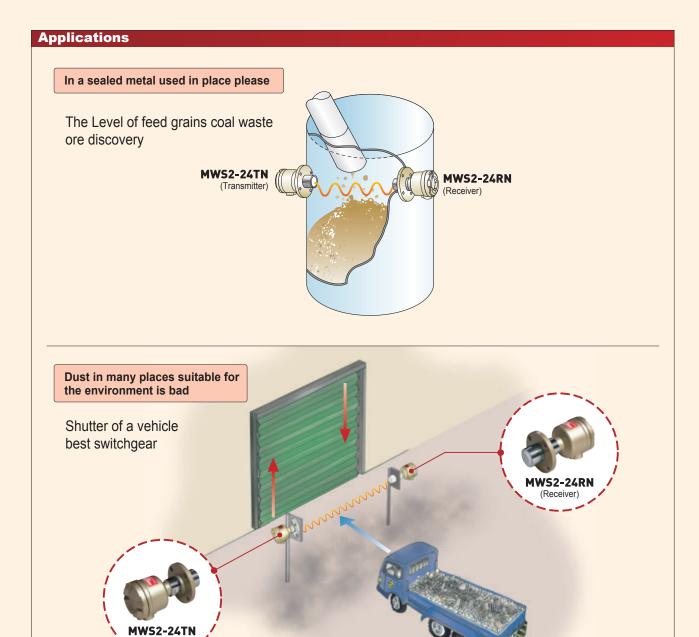


Installation *Use ter

*Use temperature of 400°C or more are required for meeting.

*Model specifications for resistance to vibration all measures (resin filling) model is available at the end of production - it comes with M 24VDC production specification also available (optional).





Line of business

- Rotary Paddle Type Level Switch
- Vibration Type Level Switch
- Swing Type Level Switch
- · Acoustic Level Switch
- Capacitance Type Level Switch
- Capacitive Proximity Sensor
- · Capacitance Type Level Indicator
- Diaphragm Type Level Switch
- · Tilt Switch
- · Leak Type Level Switch
- Microwave Type Switch
- Sounding Bob Type Level Indicator Ultrasonic Flow meter
- Dust Monitor System Zirconia Oxygen Analyzer

Float Type Level Indicator

• Float Switch

- · Laser Type Level Indicator
- RADAR Type Level Indicator

Conductance Type Level Switch

• Ultrasonic Type Level Indicator

• Equipments For Conveyor Lines

- On-line Sensors for Accurate
- Liquid Analysis
- · Flow Switch

*Please be sure to read USER'S GUIDE, Installation & Operation Instructions before using the instrument.

*The specifications herein may be subject to change without advance notice.

(Transmitter)

Nuclear Power Generation to Rice Milling
All-round Manufacturer of Level Controllers for Powder, Granules and Liquid

KANSAI Automation Co., Ltd.

UKAS

SGS

2-14, Togano-cho, Kita-ku, Osaka 530-0056, Japan TEL. 81-6-6312-2071 FAX. 81-6-6314-0848 e-mail: infoe@kansai-automation.co.jp

http://www.kansai-automation.co.jp

Tokyo Branch: 1-29-6, Hamamatsu-cho, Minato-ku. Tokyo 105-0013, Japan TEL. 81-3-5777-6931 FAX. 81-3-5777-6933

Nagoya Office: 3-31-27, Uchiyama, Chigusa-ku, Nagoya 464-0075, Japan TEL. 81-52-741-2432 FAX. 81-52-741-1588

Kyushu Office: 1-2-39, Asano, Kokura Kita-ku, Kitakyushu 802-0001, Japan

TEL. 81-93-511-4741 FAX. 81-93-511-4580

