

Powder Level Switch

SWING TYPE LEVEL SWITCH

SWINGMASTER®

One and only development for Powder Level Switch, based on our extensive experiences.

It's New



PATPEND

SWM Series

Highly functional as well as cost effective. Versatile enough to be used for any applications.

SWM-8B



Newly developed "SWING MASTER" Future standard level switch for powder

SWG-8B



SWG Series

Integration of electronics and mechatronics. Tough functionality against rough application.



SWM-8BH



SWM-8BS



SWG-8BS



SWG-8BH

Powder Granules

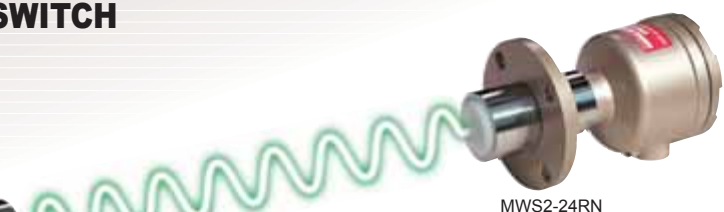
MICROWAVE TYPE LEVEL SWITCH

MWS2-24TN/24RN Type

The attenuation of microwave detects levels of powder, granules and blocks as well as pulverized materials. Heat-resistant type can be available.



MWS2-24TN



MWS2-24RN

Transmission of 24GHz enables to detect widely and sharply.

Powder Granules Lump

Non-Contact Level Meter

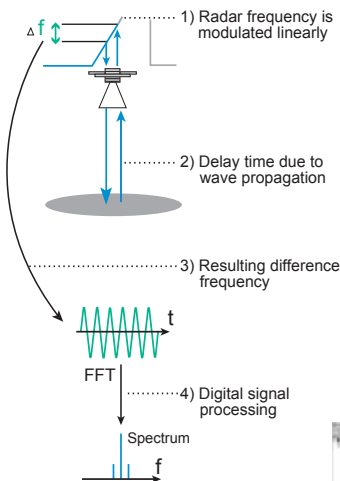
RADAR TYPE LEVEL TRANSMITTER

Outstanding software ensures the most reliable detection. Microwaves make it possible to detect levels that have so far been difficult to be measured.

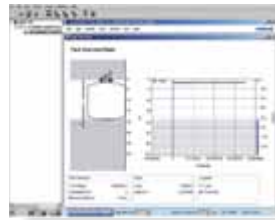
ATEX
EEExia II CT6
EExd ia II C T6

VG Series [FMCW TYPE]

It guarantees the reliable detection in exercising frequency modulated continuous measurement, empty tank spectrum and tank bottom following principle.

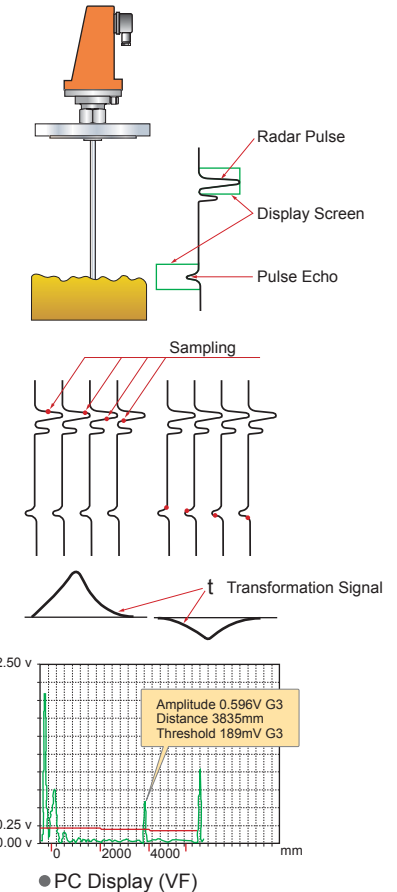


● PC Display (VG)



VF Series [TDR TYPE]

Micro pulses are sent toward a product to be measured via a probe, and it exactly measures levels with no influence of obstacles such as powder, dust and vapor.



● PC Display (VF)

Granules Liquid

LASER TYPE LEVEL INDICATOR

Best suitable for non-contact measurement at the places where it is highly difficult or dangerous to measure!



LASER RANG-L

It measures levels by pinpoint in utilizing semiconductor laser. The maximum range is 30 meters.



LASER RANG-S

Extremely compact Laser Type Level Meter that can measure up to 10 meters by pinpoint.



Compact

Granules Liquid

Non-Contact Level Meter

ULTRASONIC LEVEL INDICATOR

REFLEX

REFLEX
SCANFLEX



Good for measuring a long range and scanning. Powerful enough to measure a wide range of products.

MULTIFLEX



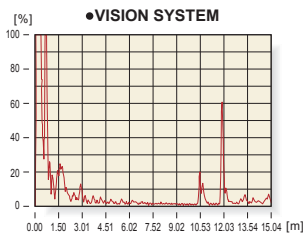
It can be applied to all processes from powder to liquid with particular setups.

MINIFLEX LR



MINIFLEX LR

It builds in the minimum function with a user-friendly software.



•Measuring Water-level Differential



MICROFLEX-C

Amplifier-integrated Type, coupled with two-wire loop powered. Easy to set up and handle.



ATEX
EExm II T6

Powder Granules Liquid

ULTRASONIC LEVEL METER

Ultimate Solution for Compact Ultrasonic Type

It exactly measures levels with narrow beam width.

Transmitter/Converter in one unit

LU83-5161



LU20-5061



LU20-5061-IS

CSA
Intrinsically safe

Intrinsically safe
model Exia II CT6
Safety barrier MTL728+

Liquid

Flow Sensor

MICROWAVE TYPE FLOW SENSOR



KFD-1/KFD-2

24GHz helps this sensor make highly sensitive and reliable. It does not overlook even a grain.

Powder Granules

PARTICLE FLOW SENSOR



KDS-1

Monitoring the concentration of exhausted dust and minute particles and detecting flow/no flow.

Powder Granules

POWDER FLOW MONITOR

Electrodynamics System FM60

Reliably detect the concentration changes of Powder, Easy to handle, least maintenance



Powder Granules

Contact Level Meter

SOUNDING TYPE LEVEL METER

Various product lines.
They can be applied to all processes, and
they are the best selling lines for their reliability.



KSL-T2
SPAN:MAX40m

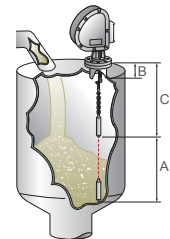
- Standard
- Powder
- Granules
- Lump
- Underwater Solid



CPU built-in models. Upgraded models are all weathertight constructions with aluminum casting body.

KSL-MT
SPAN:MAX20m

- Build-in CPU
- Powder
- Granules
- Underwater Solid



A. Measuring Range
B. Height of Nozzle
C. Roll-up Position

KSL-T8
SPAN:MAX40m

- Build-in CPU
- Powder
- Granules
- Lump
- Underwater Solid



KSL-W3T
SPAN:MAX20m

- Standard
- Powder
- Granules
- Underwater Solid



KSL-W2B
SPAN:MAX20m

- Standard
- Powder
- Granules
- Underwater Solid



- Optional Units
- KSLAU Control Unit
 - PSC P/I Converter

It can be applied to hazardous areas

KSL-GT
SPAN:MAX30m

Flame-proof model
Exd II BT4

- Powder
- Granules
- Lump
- Underwater Solid



Optional Units

- KSLAU Control Unit
- PSC P/I Converter

SOUNDING TYPE LEVEL METER CONTROLS

A controller controls many units (4 for DS4 and 8 for DS8). Selecting a tank with one-touch operation. Memory function is equipped.

Microprocessor Control System

