SWING TYPE LEVEL SWITCH

Model SWM SWINGMASTER

Epoch-making Level Switch for powder
[ Can be a standard for years to come ]

Level Switch in a new category
“SWING MASTER”

An isolation completely separates the electronic circuit from the swing unit.
A utility level switch for various applications.
THE SWING MOVEMENT STANDS ON SOPHISTICATED PRINCIPLES

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

Why is instantaneous effective?

The instantaneous movements ensure the following:

- Reliably detect powders with low specific gravity as well!
- Hardly affected by contamination, it can be applied to any substances to be measured.
- Even if the paddle is buried, the torque is constant and its reversion is stable.

Standard Specification

Power: 100~240VAC 50/60Hz
(Allowable range 85~250VAC)

Power Requirements: 12W

Output: Relay contact 1C
(250VAC 5A)

Measuring Interval: about 5 seconds

Temperature:
- Ambient 50°C
- Inside Tank 60°C
(Max 250°C Withstand pressure 19.6KPa)

Consult with us for high temperature/pressure.

Detection: Specific Gravity over 0.1

Display: LED in green → indicate (on swing)

Installation: LED in red → indicate (detecting)

Flange 1/2" BS, JIS equiv.

Housing: Material AC
Material AC
Protection grade IP55 equiv.

Paddle/ Main Shaft: Material 304SS

Painted Color hammer-net gold

Withstand Pressure: 0.2MPa
Option 0.5MPa

Cable conduit: G1/2
REASONS FOR A ISOLATION BEING APPLIED

Transmittance of movements from electronic circuit to swinging part by using a magnetic force via the isolation enables the following:

- To prevent measured substances from intruding into instruments.
- To ignore an excessive load from the paddle.
- It can be applied to high-pressured tanks as well. (Standard 0.2Mpa, option 0.5Mpa)

WHY IS THE ELECTRONIC MOTIVITY APPLIED?

A driving force by not a motor but an electronic circuit realizes the following:

- The torque is constant for a long period of time, and its operation is stable.
- There being no moving part such as gear, clutch and so on, it secures a dramatically long life.
- The unit comes up with the universal power supply (100~240VAC) that was likely impossible in this product category.
Line of business

- Rotary Paddle Type Level Switch
- Vibration Type Level Switch
- Swing Type Level Switch
- Acoustic Level Switch
- Capacitance Type Level Switch
- Capacitance Proximity Sensor
- Capacitance Type Level Indicator
- Diaphragm Type Level Switch
- Tilt Switch
- Leak Type Level Switch
- Microwave Type Switch
- Sounding Bob Type Level Indicator
- Flow Switch
- Conductance Type Level Switch
- Float Switch
- Float Type Level Indicator
- Ultrasonic Type Level Indicator
- Ultrasonic Type Level Switch
- Ultrasonic Type Level Indicator
- Equipment for Conveyor Lines
- Dust Monitor System
- Zirconia Oxygen Analyzer
- Laser Type Level Indicator
- RADAR Type Level Indicator
- On-line Sensors for Accurate Liquid Analysis
- Ultrasonic Flow Meter

KANSAI Automation Co., Ltd.

All-round Manufacturer of Level Controllers for Powder, Granules and Liquid

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Agent

*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.