

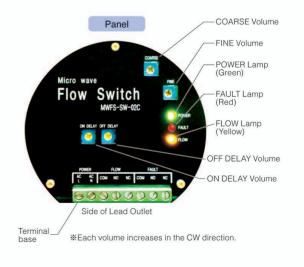
MICROWAVE FLOW SWITCH

Microwave Flow Switch, applying the principle of Doppler Effect, is a flow detection sensor for bulk solid/powder. Very helpful for monitoring shutoff of facility, clogging of feeding line etc.



Features

- Hardly influenced by adhesion or dust because of microwave system.
- Self-diagnosis function automatically detecting functional depression.
- Withstanding pressure ability up to ±980kPa internal-pressure in pipe.
- The operational indication can be checked at a view without opening cover.
- Free voltage(AC90 230V) strong against power fluctuation and disturbance noise.
- Easily detachable without disconnecting.



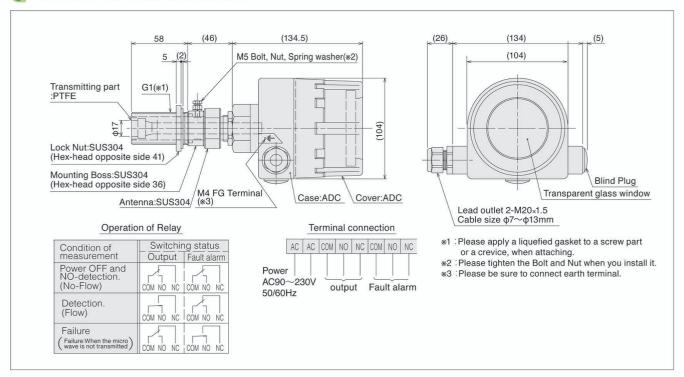


Specification

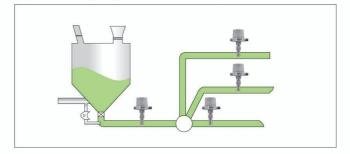
Model	MWFS-SW-02C
Power source	AC90~230V, 50/60Hz
Detecting principle	Flow detection by microwave system applying Doppler Effect
Detecting Range	Max. 1.5m(depends on size, speed, and reflectivity of target object)
Frequency	24GHz band
Oscillation power	7mW
Output (for control)	1C Output AC250V 3A (Actuation) Detection: ON at solid flow detection ON DELAY: ON after the setting time OFF DELAY: OFF after the setting time

Fault alarm (self-diagnosis)	1C Output AC250V 3A (Actuation) Diagnoses and outputs drop of the transmitted microwave. * At power off, the contact will be reset.
Timer	0.1~10sec.(Adjustable)(both ON DELAY and OFF DELAY)
Power consumption	Max. 5.5W
Allowable temp	-10∼+55°C
Allowable pressure	-980kPa~+980kPa
Mounting	G1 screw(incl. lock-nut and packing)
Protection	IP65
Coating color	Munsell 7.5GY6/10
Mass	Approx 2.0kg

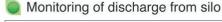
Dimension and Terminal connection

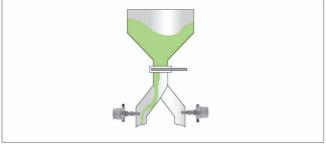


Monitoring of pneumatic feeding line



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Caution

- Read the instructions to ensure correct and suitable application

of products.

Contact our nearest sales office when using our products for any systems used in situations which may be life threatening.

Distributor



Matsushima Measure Tech Co., Ltd.

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