

ZAXRF S26 RF Admittance Level Switch

Overview

The JH100 RF Admittance level switch series is widely used for position control in the storage and transportation of raw materials and products in both civilian and industrial processes. They are suitable for most situations involving solid particles, powder materials, slurries, liquids, and liquid-liquid interfaces.

Principle

The JH100 series radio frequency conductance level switch is developed based on the introduction and research of radio frequency technology. Its features include anti-blockage , high temperature resistance, greater reliability, and wider applicability. The so-called radio frequency conductance refers to the reciprocal of impedance in electrical terms. It is composed of resistive components, capacitive components, and inductive components. Radio frequency is the high-frequency radio wave spectrum. Therefore, radio frequency conductance can be understood as measuring conductance using high-frequency radio waves. During the operation of the instrument, the sensor forms a conductance value with the tank body and the measured material medium. When the medium contacts the sensor, the circuit module converts the measured conductance value into a level signal for output. Thus, level measurement is achieved.



Application	Solid/Powder/Liquid
Power Supply	220V AC/24V DC
Contact Capacity	DPDT 220V 5A/24V 3A
Time-Delay	0~59 Second adjustable
Power	2W
Medium Temp	-40℃~600℃
Ambient Temp	-40℃~80℃
Cable Inlet	M20*1.5

Specification	Code	Parameters		
Instrument Type	P	Standard		
	F	Flame-Proof		
Process Connection	G3	Thread G3/4	N4	Thread 3/4"NPT
	G4	Thread G1.0	N4	Thread 1.0"NPT
	G5	Thread G1-1/4	F3	Thread 1-1/4"NPT
	Z	Customized		
Material	4	SS304		
	6	SS316		
	P	PTFE		
Medium Temp	T1	≤80 ℃		
	T2	≤200 ℃		
	T3	≤300 ℃		
	Z	Customized		
Power Supply	A	220V AC		
	D	24V DC		
Cable Inlet	M	M20*1.5		
	Z	Customized		
Probe Length	XX	User Defined/Unit mm		