


ZAXRP Rotary Paddle Level Switch- S31

Overview

The Rotary Paddle Level Switch is field control equipment of detecting the level of solid materials (powder, particles). Its unique sealing design, super overload protection ability and simple installation method make it widely used in feed, food, pharmaceutical, chemical, plastics, construction, fertilizer and other industries.

Principle

The blade of level switch is connected with the clutch by the drive shaft, and the motor maintains normal operation when the material is not in contact; When the blade contacts the material, the motor power supply is disconnected and stops moving, meanwhile send a signal to indicate that the material level has reached the given height.

Application	Solids
Medium Temp	-20 ~ 400°C
Power	4W
RPM	1RPM
Torque	1.0 N.m
Contact Rating	SPDT 10A/250V AC
Cable Inlet	M20*1.5
Power Supply	24V DC/220V AC

Unit	Code	Parameter		
Flame-Proof	P	No		
	F	Yes		
Instrument Type	G	Standard	A	Cable Type
	N	Protective Tube	B	Adjustable Shaft
	Z	Customized		
Material	4	SS304	6	SS316
	G4	G1.0	G3	G3/4
Process Connection	N4	1.0"NPT	F25	Flange DN65 PN0.6
	Z	Customized		
Power Supply	A	220V AC	D	24V DC
Paddle Type	A	100*30(WH)	B	65*80(WH)
	C	50*30(WH)	D	132*30
Medium Temp	T1	-20 ~ 80°C		
	T2	-20 ~ 200°C		
	T3	-20 ~ 400°C		
Rod/Cable Length	XX	xx mm (Including Paddle and Thread)		

