

ROTARY PADDLE LEVEL SWITCH-WZP20



1) Overview

WZP20 rotary level switch is suitable for controlling the material level in various open containers. The instrument adopts a special oil seal design, which is double-layer dustproof and has a clutch device to protect the motor. Reliable work, easy to use and maintain. Widely used in chemical industry, food, mining, plastics, ceramics and other industries, it is an ideal simple flow level control instrument.

2) Main Technical Parameters And Product Dimensions

Power supply: 220VAC, 110VAC, 24VDC

Power consumption: 3W

Contact capacity: AC 250V, 5A SPDT

Speed: 1R.P.M

Torque: 0.5~1.0kg cm

Working temperature: High temperature type: $\leq 200^{\circ}\text{C}$ ordinary type: 60°C

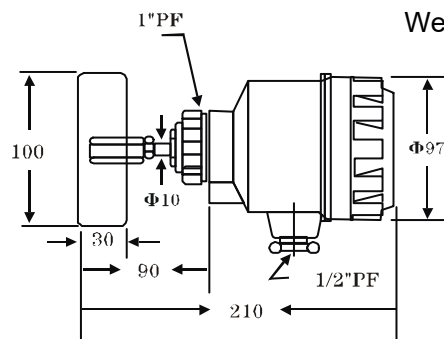
Electrical interface: M20 $\times$ 1.5 internal thread

WZP20-0A/B/C

Suitable for horizontal installation

Operating temperature: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Weight: 1.2kg

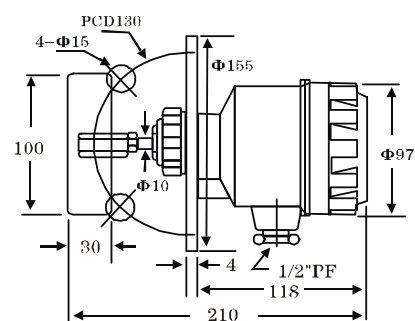


WZP20-1A/B/C 【Flang type】

Suitable for horizontal installation

Operating temperature: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$

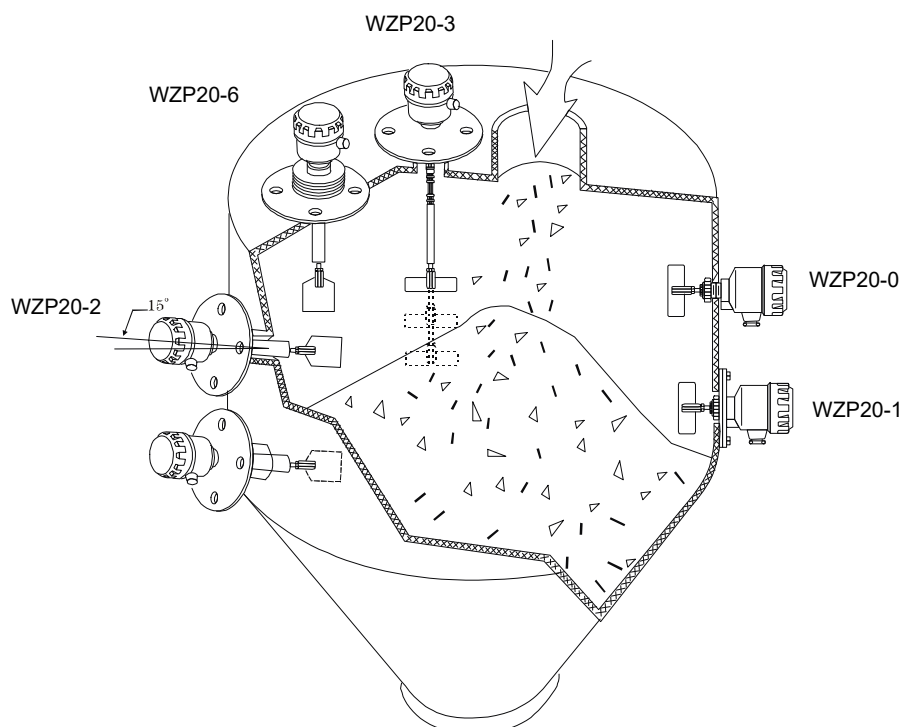
Weight: 1.7kg



3)Precautions for installation and use

1. It should be installed away from the material inlet;
2. When installing on a block with a particle diameter greater than 15mm or less than 7 meters from the lower part of the feed inlet, a probe cover should be added;
3. When measuring powder with high viscosity, it should be installed vertically downward from the upper part of the container or inserted obliquely from the side wall.
4. When the temperature of the probe exceeds 120°C, the life of the piezoelectric element will be shortened, so it is necessary to regularly check whether the switch action is correct

4) Application Introduction



Model Selection							
WZP20	Rotary Level Switch						
/	COD	Model					
	E						
	0	Thread type					
	1	Flange type					
	2	Protection tube type(thread/flange)					
	3	Length adjustable type(thread/flange)					
	4	High temperature type(thread/flange)					
	5	High temperature length adjustable type(thread/flange)					
	6	High temperature protection tube type(thread/flange)					
	7	Cable type(thread/flange)					
	/	CODE	Power supply				
		A	220VAC				
		B	24VDC				
		C	110VAC				
		/	CODE	Connection			
			D	Thread			
			E	Flange			
			F	Others			
			/	CODE	Blade		
				A1	100x30(WxH)		
				B1	65x80(WxH)		
				C1	65x120(WxH)		
				D1	80x80(WxH)		
				E1	50x30(WxH)		
				F1	Sickle shape		
				/	CODE	Output	
					G	Relay SPTD	
					/	CODE	Material
						H	SS201
						I	SS304
						J	SS316
WZP20	0	A	D(G1")	A1	G	H	(Example)

Blade type

