MODEL KSV-9N-



Features

- Compact and light weight, but integral construction
- NPN open collector can be directly connected to the relay output
- Operational indicator is provided
- Easy to adjust sensitivity by adjusting knob
- PR2100-7U is a Power Relay Unit for KSV-9N series
- 2-SPST relay output and self-holding control are available by using PR2100-7U

General Description

KSV-9N series are designed to use in small tank and suitable for the built-in level sensor of small or mass production devices. This sensor can detect general application of both liquids and solids. The option of plastic covered probe is available for conductive medium such as aqueous solution, grain and sugar contained moisture, metal power and so on.

Ordering Information

KSV-9N								
		1	Sta	Standard sensitivity 0 to 20pF				
		3	Low sensitivity 0 to 100pF					
			1	1 L=150mm				
			2 L=300mm		300mm			
			3	3 L=600mm				
				1 20mm earth rod				
				3	100mm earth rod			
					(Null) Standard Probe			
					M Plastic covered Probe			
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KS	V-9N	1	1	1	= KSV-9N-111			

Description of Model Number

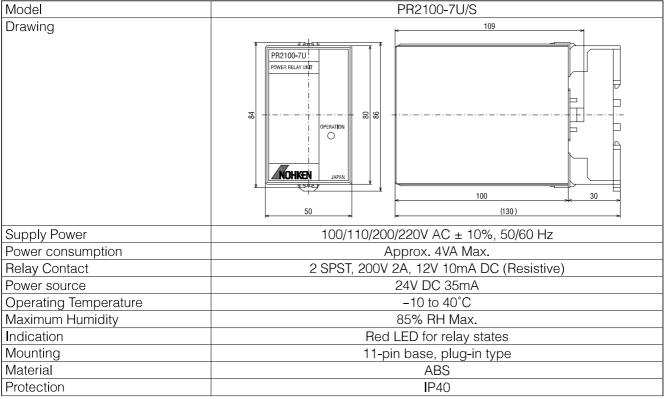
Electrode	Stainless Ste	el Probe Type	Plastic Covered Prove Type					
Length of L2	20mm	100mm	20mm	100mm				
Length of L1	Model Number	Model Number	Model Number	Model Number				
150mm	KSV-9N-111	KSV-9N-113	KSV-9N-111M	KSV-9N-113M				
300mm	KSV-9N-121	KSV-9N-123	KSV-9N-121M	KSV-9N-123M				
600mm	KSV-9N-141	KSV-9N-143						

Specifications

Sensor

Model		KSV-9N-□□□				
Drawing		Hex.38 R1 425 425 425 426 241 421 421 421 421 421 421				
Mounting		R1				
Supply Power		24V DC ±10%				
Current Consum	ption	Approx. 21mA Max.				
Output		NPN Open Collector				
Oscillation Frequ		Approx. 600 KHz				
Operating Temperature		-10 to 70°C (Get rid of dew)				
Maximum Pressure		1.57 MPa Max. for electrode				
Maximum Humidity		95% RH				
Sensitivity		0 to 20 pF for standard, 0 to 100 pF for low sensitivity				
Material	Electrode	304SS				
	Plug	304SS				
	Insulator	POM				
	Cover	POM				
	Nut	POM				
Protection		IP67				
Length of Electrode		150mm, 300mm, 600mm				

Controller



Base is optional and must be ordered.