

S P E C I F I C A T I O N S

ITEM		SENSOR	CONVERTER
1. NAME		CAPACITIVE LEVEL SENSOR	
2. MODEL		KRD-6FH	KRI
3. MEASURING OBJECT		Liquid, Powder	
4. OPERATION CHARACTERISTICS	4.1 Sensitivity (selectable)	A \geq 0.5 pF	
		B1 \geq 3 pF	
		B2 \geq 5 pF	
		C \geq 200 pF	
5. ELECTRICAL CHARACTERISTICS	5.1 Power Supply	-----	100V, 200V AC \pm 10% 50/60Hz
	5.2 Power Consumption	Approx. 4 VA	
	5.3 Contact Rating (resistive load)	-----	250V 2A AC
		-----	30V 2A DC
	5.4 Insulation Resistance	-----	100M Ω or more (500 V DC)
5.5 Withstand Voltage	-----	1500V AC (1 minute)	
6. MECHANICAL CHARACTERISTICS	6.1 Working Electrode Pressure	500 kPa Max.	-----
	6.2 Vibration Proof	10 to 55 Hz (Amplitude 1.5 mm)	-----
7. ENVIRONMENT	7.1 Working Temperature	-10 to +40 $^{\circ}$ C	-10 to +40 $^{\circ}$ C
	7.2 Working Humidity	85 %RH Max.	
	7.3 Heatproof Temperature	Electrode : +60 $^{\circ}$ C	
8. CONSTRUCTION		Electrode:Water-proof construction (IP 68) Housing:Jet-proof construction (IP 65)	IP 10
		(Intrinsically safe construction i3aG5)	
9. PHYSICAL	9.1 Materials Of Housing Insulator Electrode	Aluminium die casting (ADC12) (Acrylic coating)	Steel structure (munsell painting N7)
		PE	-----
		304 stainless steel	-----
	9.2 Cable Inlet	JIS F 15c (G 1/2)	ϕ 8, ϕ 14 hole
9.3 Mounting	Flange mounting JIS 5K 50A	2 - ϕ 4.5 holes (pitch 210)	
9.4 Mass	Approx. 3.3 kg (L=1000)	Approx. 1.0 kg	

W A R R A N T Y

NOHKEN INC. products are warranted for a period of 1(one) year from date of original factory shipment, provided that handling, operation and maintenance of products shall be subjected to "NOHKEN's INSTRUCTION MANUAL".