

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

ITEM		SENSOR	CONVERTER
1. NAME		CAPACITIVE LEVEL SENSOR	
2. MODEL		KSD-6FH	KSI
3. MEASURING OBJECT		Liquid, Powder	
4. OPERATION CHARACTERISTICS	4.1 Sensitivity (selectable)	H $\geq$ 5 pF L $\geq$ 90 pF (Attached to change switch)	
	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 $\Omega$ 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) (Intrinsically safe construction i3nG5)	IP 10
9. PHYSICAL	9.1 Materials Of Housing	Aluminium die casting (ADC12) (Acrylic coating)	Steel structure (munsell painting N7)
	Insulator	PE	-----
	Electrode	304 stainless steel	-----
	9.2 Cable Inlet	JIS F 15c (G 1/2)	$\phi$ 8, $\phi$ 14 hole
	9.3 Mounting	Flange mounting JIS 5K 50A	2 - $\phi$ 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".