

DATE (YYYY-MM-DD)	APP. BY	CH. BY	PREP. BY
2006-11-29	T. G.	M. N.	m. h.

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

1. NAME : CAPACITIVE LEVEL SENSOR
2. MODEL : KSV-6FH
3. MEASURING OBJECT : Liquid, Powder
4. OPERATION CHARACTERISTICS
 - 4.1 Sensitivity : H \geq 5 pF
L \geq 90 pF
 - 4.2 Operation Indication : LED lighting (Red)
5. ELECTRICAL CHARACTERISTICS
 - 5.1 Power Supply : 100 V, 200 V AC \pm 10 % 50/60 Hz
 - 5.2 Power Consumption : Approx. 2.2 VA
 - 5.3 Contact Rating
(With resistive load) : 250 V 3 A AC
30 V 3 A DC
 - 5.4 Withstand Voltage : 1500 V AC for a minute
 - 5.5 Insulation Resistance : 100 M Ω or more (500 V DC)
6. MECHANICAL CHARACTERISTICS
 - 6.1 Withstand
Electrode Pressure : 500 kPa Max.
 - 6.2 Vibration Proof : 10 to 55 Hz (Amplitude 1.5 mm)
7. ENVIRONMENT
 - 7.1 Working Temperature : Electrode: -20 to + 60 $^{\circ}$ C
Housing : -10 to + 55 $^{\circ}$ C
 - 7.2 Working Humidity : 85 % RH Max.
8. CONSTRUCTION : Electrode ; water-proof construction (IP 68)
Housing ; Jet-proof construction (IP 65)
9. PHYSICAL
 - 9.1 Materials of terminal box: Aluminium die casting (ADC12)
(Acrylic coating)
insulator : PE
electrode : 304 stainless steel
 - 9.2 Mounting : Flange mounting (JIS 5K 50A)
 - 9.3 Cable Inlet : JIS F 15c (G 1/2)
 - 9.4 Mass : Approx. 3.5 kg (L=1000)

W A R R A N T Y

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