

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

1. NAME : CAPACITIVE LEVEL SENSOR
2. MODEL : KRV-3FH
3. MEASURING OBJECT : Liquid, Powder
4. OPERATION CHARACTERISTICS
  - 4.1 Sensitivity : A  $\geq$  0.5 pF  
 B1  $\geq$  3 pF  
 B2  $\geq$  5 pF  
 C  $\geq$  200 pF  
 D  $\geq$  4000 pF
  - 4.2 Operation Indication : LED lighting (Red)
5. ELECTRICAL CHARACTERISTICS
  - 5.1 Power Supply : 100 to 120 V AC  $\pm$  10 % 50/60 Hz  
 200 to 240 V AC  $\pm$  10 % 50/60 Hz
  - 5.2 Power Consumption : Approx. 2.5 VA
  - 5.3 Output : Relay contact (1 SPDT)  
 Delay time is possible to set between 0.5 and 10 seconds.
  - 5.4 Contact Rating  
 (With resistive load) : 250 V 3 A AC  
 30 V 3 A DC
  - 5.5 Withstand Voltage : 1500 V AC for a minute
  - 5.6 Insulation Resistance : 100 M $\Omega$  or more (500 V DC)
6. MECHANICAL CHARACTERISTICS
  - 6.1 Withstand  
 Electrode Pressure : 3 MPa 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 : PTFE  
 electrode : 304 stainless steel
  - 9.2 Mounting : Flange mounting (JIS 5K 25A)
  - 9.3 Cable Inlet : JIS F 15c (G 1/2)
  - 9.4 Mass : Approx. 1.7 kg (L=250)

## WARRANTY

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 ".