

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

1. NAME : CAPACITIVE LEVEL SENSOR
2. MODEL : KRV-3NH
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 Ω 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 : Plug mounting (R 1)
 - 9.3 Cable Inlet : JIS F 15c (G 1/2)
 - 9.4 Mass : Approx. 1.6 kg (L=250)

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 ".