

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

| ITEM | | SENSOR | CONVERTER |
|-------------------------------|-------------------------------------|---|--|
| 1. NAME | | CAPACITIVE LEVEL SENSOR | |
| 2. MODEL | | K R E 6 5 - 6 F | K R E 6 2 0 0 |
| 3. CERTIFICATE MODEL | | Y L F | C - 3 0 1 A |
| 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 D \geq 4000 pF | |
| | 5.1 Power Supply | ----- | 100V, 200V AC \pm 10% 50/60Hz |
| | 5.2 Power Consumption | Approx. 2.5 W | |
| | 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 Pressure | 500 kPa Max. (At flange rating 5K) | ----- |
| | 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 i3aG5) | IP 10 |
| 9. PHYSICAL | 9.1 Materials Of Housing | Aluminium die casting (ADC12) (Silver hammertone coating) | Housing : Steel structure Cover : Acryl |
| | Insulator | Polyethylene | ----- |
| | Electrode | 304 stainless steel | ----- |
| | 9.2 Cable Inlet | G 1/2 | ϕ 10, ϕ 16 holes |
| | 9.3 Mounting | Flange mounting (JIS 5K 50A) | 2 - ϕ 4.5 holes (pitch 180) |
| | 9.4 Mass | Approx. 3.4 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".