

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

1. NAME : CAPACITIVE PHASE LEVEL SENSOR
2. MODEL : CG 2 N
3. MEASURING OBJECT : Powder , Liquid
4. OPERATION CHARACTERISTICS
- 4.1 Sensitivity : Dielectric constant 1.2 Min.
Capacitance between electrode 1.0 pF Min.
(Only Resistance between electrode 10 kΩ Min.)
(L=250mm)
- 4.2 Output signal : Relay contact (1 SPDT)
5. ELECTRICAL CHARACTERISTICS
- 5.1 Power supply : 100 to 240 V AC ±10% 50/60 Hz
- 5.2 Power consumption : Approx. 5 VA
- 5.3 Contact rating : 250 V 3 A AC
(resistive load) 30 V 3 A DC
- 5.4 Withstand voltage : 1500 V AC one minute
Between housing (or "PE" terminal) and each terminal.
- 5.5 Insulation resistance : 500 V DC 100 MΩ Min.
Between housing (or "PE" terminal) and each terminal.
6. MECHANICAL CHARACTERISTICS
- 6.1 Withstand pressure : 1 MPa Max.
- 6.2 Vibration proof : 10 to 150 Hz , 19.6 m/s² (L=250mm)
(each X,Y,Z for 2 hours)
7. ENVIRONMENT
- 7.1 Working temperature : Electrode ; -25 to +85 ℃
Housing ; -25 to +65 ℃
- 7.2 Working humidity : 95 % RH Max.
8. CONSTRUCTION : Water-proof construction IP 67 at electrode
Jet-proof construction IP 65 at housing
9. PHYSICAL
- 9.1 Materials of housing : Aluminium die casting (Epoxy coating)
- insulator : PTFE
- electrode : 316 stainless steel
- 9.2 Mounting : Plug mounting (R3/4)
- 9.3 Cable inlet : G1/2

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 ".