

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

1. Name : PNEUMATIC LEVEL SENSOR
 2. Model : FP510 (Type designation : FP510)

3. Operation characteristics

- (1) Application : Only open tank (Max. 3 m in depth)
 (2) Operating point : 60 ± 10 mm (1/2B L = 300mm Pipe)
 (3) Release point : 40 ± 15 mm (1/2B L = 300mm Pipe)

4. Electrical characteristics

- (1) Contact capacity : 250 V 10 A AC
 (Resistive load) 250 V 0.2 A DC
 (2) Min. load : 5 V 160mA DC
 (3) Life expectancy : 3×10^5 Operation Min.

5. Mechanical characteristics

- (1) Ambient pressure of diaphragm : 0 ~ 100 kPa
 (2) Allowable impact : 100 m/s^2

6. Ambient conditions

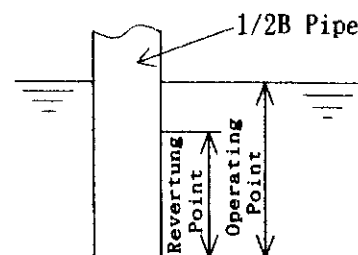
- (1) Ambient temperature : 0 ~ 60 °C
 (2) Liquid temperature : 0 ~ 70 °C

7. Construction

- (1) Terminal box construction : IP53
 (2) Flame-proof construction : d2G4

8. Others

- (1) Terminal box material : Aluminium casting (AC4A, silver color)
 (2) Cover material : Aluminium casting (AC4A, silver color)
 (3) Chamber material : Aluminium casting (AC4A, silver color)
 (4) Diaphragm material : CR
 (5) Cable inlet : G 3/4
 (6) Mounting of sensor : G 1 plug
 (7) Mounting of detecting pipe : Rc 1/2 screw
 (8) Mass : Approx. 3.0 kg



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 ".