

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

1. NAME : WIDE-DIFFERENTIAL FLOAT SENSOR
2. MODEL : FS-2S
3. MEASURING OBJECT : Clean liquid
4. OPERATION CHARACTERISTICS
 - 4.1 Specific Gravity : Min. 0.85
 - 4.2 Control Width : 60 to 850 mm (In case of rot length 1000 mm)
 - 4.3 Float Submersion Depth : 51 mm (at specific gravity 1.0)
 - 4.4 Clearance Between Float and Rot : 4.5 mm
 - 4.5 Life Expectancy : Min. 4×10^5 Operations
5. ELECTRICAL CHARACTERISTICS
 - 5.1 Contact Rating (With Resistive Load)
 - 5.1.1 Max. Working Current : 5 A AC, 0.6 A DC
 - 5.1.2 Max. Working Voltage : 250 V AC, 125 V DC
 - 5.2 Withstand Voltage : 1500 V AC (1 minute or more.
Between each terminals and non-charge part.)
 - 5.3 Insulation Resistance : 100 M Ω or more (Measured with 500 V DC megger.
Between each terminals and non-charge part.)
6. MECHANICAL CHARACTERISTICS
 - 6.1 Buoyancy of Float : Approx. 2.10 N (at specific gravity 1.0)
 - 6.2 Allowable Impact : 100 m/s²
7. ENVIRONMENT
 - 7.1 Working Temperature : 0 to 80 °C
 - 7.2 Application : Leave open tank
8. CONSTRUCTION : IP42
9. PHYSICAL
 - 9.1 Material
 - 9.1.1 Terminal Box : Phenol (PF) (Cover : PP)
 - 9.1.2 Wetted Parts : 304 Stainless Steel (Bellows : CR)
 - 9.2 Installation : Flange
 - 9.3 Dimension
 - 9.3.1 Flange : ϕ 130 mm, Pitch circle diameter ϕ 105 mm
4- ϕ 11 mm Holes, Thickness 2 mm
 - 9.3.2 Float : ϕ 84 \times H110
 - 9.4 Mass : Approx. 1.0 kg (In case of rot length 1000 mm)
 - 9.5 Cable Inlet : Equivalent JIS F 20a (G 3/4)

W A R R A N T Y

NOHKEN INC. products are warranted for a period of one(1) year from date of original factory shipment, provided that handling, operation and maintenance of products shall be subjected to " NOHKEN INSTRUCTION MANUAL ".