

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

1. NAME : CONVERTER UNIT

2. MODEL : PL 8 5 0 0

3. OPERATION CHARACTERISTICS

3.1 Accuracy :  $\pm 0.5$  %F. S.

Combination accuracy with Level Sensor is

$$\pm \sqrt{\left( \frac{0.5 \times \text{Maximum measuring range (m)}}{\text{Measuring length (m)}} \right)^2 + (0.5)^2} \quad [\%]$$

4. ELECTRICAL CHARACTERISTICS

4.1 Power Supply : 100 to 240 V AC  $\pm 10$  %, 50/60 Hz

4.2 Power Consumption : Normally ; Approx. 5 VA

In put power supply ; Approx. 40 VA

4.3 Input Signal : 4 to 20 mA DC (Two-wire)

4.4 Output Signal : 4 to 20 mA DC

4.5 Load Resistance : 600  $\Omega$  Max.

4.6 Isolation : Dual-port Isolated (Between input and output)

Isolation Voltage ; 500 V DC for a minute

(Cutoff current 10mA DC)

5. WORKING TEMPERATURE : 0 to 50  $^{\circ}$ C

6. Working Humidity : 5 to 95 % RH

7. LIGHTNING PROTECTION : 12 kV (1.2/50  $\mu$ s)

8. CONSTRUCTION : Housing equivalent IP20 (International Protection)

9. PHYSICAL

9.1 Material of Housing : Aluminium die-casting (ADC12)  
(silver hammer tone coating)9.2 Dimension of Housing : (H177)  $\times$  W150  $\times$  D709.3 Cable Inlet : 1-Cable cramp (Cable diameter size  $\phi 8.5 \sim \phi 12.5$ )  
2-JIS F 15a (G 1/2)

9.4 Mass : Approx. 1.3 kg

9.5 Mounting Dimension : Fig. 1

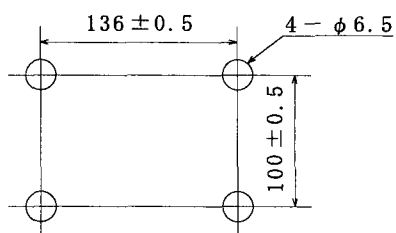


Fig. 1

## 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 ".