

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

1. NAME : HYDROSTATIC TYPE LEVEL CONVERTER

2. MODEL : PL2000

3. OPERATION CHARACTERISTICS

3.1 Accuracy : ± 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 : 90 to 132/180 to 264 V AC , 50/60 Hz

4.2 Power Supply for Sensor : 20 V DC

4.3 Power Consumption : Approx. 2 VA

4.4 Input Signal : 4 to 20 mA DC (two-wire system)

4.5 Output Signal : 4 to 20 mA DC

4.6 Amplification : 1 to 4 magnifications (selects for slide switch)

4.7 Load Resistance : 600 Ω Max.

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

6. PHYSICAL

6.1 Dimension of Housing : H50 \times W84 \times D109

6.2 Material of Housing : Acrylonitrile-butadiene-styrene resin

6.3 Mounting : Plug-in Type (Socket is option;
OMRON Co-operation 11PFA or equivalent)

6.4 Mass : Approx. 350 g

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 ".