

DATE (YYYY-MM-DD)	APP. BY	CH. BY	PREP. BY
2005-10-25	<i>[Signature]</i>		<i>[Signature]</i>

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

1. NAME : AIR BUBBLER SYSTEM LEVEL MEASUREMENT
2. MODEL : LA1000
3. OPERATION CHARACTERISTICS
 - 3.1 Measuring Range : 0 to 10 m
 - 3.2 Accuracy : ± 0.5 %F.S.
 - 3.3 Accuracy for Indicator : ± 2.5 %F.S.
 - 3.4 Temperature Characteristics : ± 0.05 %F.S./ $^{\circ}\text{C}$
4. ELECTRICAL CHARACTERISTICS
 - 4.1 Power Supply : 24 V ± 5 V DC
 - 4.2 Power Consumption : Approx. 1 W
 - 4.3 Output Signal : 4 to 20 mA DC
 - 4.4 Load Resistance : 800 Ω Max. (for 24 V DC)
 - 4.5 Amplification : 1 to 5 magnifications (Variable)
5. MECHANICAL CHARACTERISTICS
 - 5.1 Air Pressure Source : 200 to 700 kPa
 - 5.2 Air Pressure Supply : 200 to 300 kPa
 - 5.3 Air Flow : 1 l/min. $\{1.65 \times 10^{-5} \text{ m}^3/\text{s}\}$ Max.
 - 5.4 Withstand Pressure : 300 kPa Max.
6. WORKING TEMPERATURE : 0 to 50 $^{\circ}\text{C}$
7. PHYSICAL
 - 7.1 Material of Housing : Steel structure (Anticorrosive painting)
 - Pipe Fitting : Bronze casting
 - 7.2 Dimension of Housing : 263 mm \times 217 mm \times 181 mm
 - Pipe Fitting : Hose nipple for $\phi 8$
 - Indicator : 100 mm \times 33 mm (Extension Length of 75.4 mm, Class 2.5).
 - 7.3 Mass : Approx. 5.5 kg
 - 7.4 Mounting Dimension : Fig.1

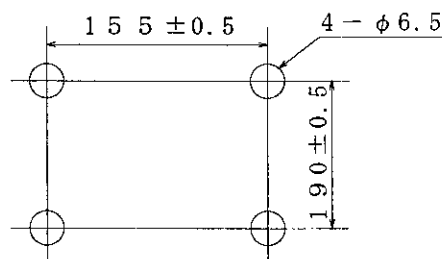


Fig.1

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".