

Digital Temperature Indicator

HN100

INSTRUCTION MANUAL

MAIN PRODUCTS

- DIGITAL : Temperature Controller, Counter, Timer, Speedmeter, Tachometer, Panel Meter, Recorder
- SENSOR : Proximity Sensor/Photo Electric Sensor, Rotary Encoder, Optical Fiber Sensor, Pressure Sensor
- ANALOG : Timer, Temperature Controller



We appreciate you for purchasing HanYoung NUX Co.,Ltd product. Before using the product you have purchased, check to make sure that it is exactly what you ordered. Then, please use it following the instructions below.

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■ Safety information

Before you use, read safety precautions carefully, and use this product properly. The precautions described in this manual contain important contents related with safety; therefore, please follow the instructions accordingly. The precautions are composed of DANGER, WARNING and CAUTION.



DANGER

There is a danger of occurring electric shock in the input/output terminals so please never let your body or conductive substance is touched.



WARNING

- To prevent deflection or malfunction of this product, supply proper power voltage in accordance with the rating.
- please take care that water does not reach directly on the power supply terminal.



CAUTION

- The contents of this manual may be changed without prior notification.
- Before using the product you purchased, make sure that it is exactly what you ordered.
- Check to make sure that there is no damage or abnormality of the product during delivery.
- Do not use this product at any place with direct vibration or impact.
- Do not use this product at any place with excessive inductive trouble, static electricity or magnetic noise.
- Some parts of this product have limited life span, and others are changed by their usage.
- The warranty period for this product including parts is one year if this product is properly used.
- If possible, please do not change attached sensor since there is danger of electric leakage. If you need to extend or change line for inevitable reason, please make ensure waterproof.
- The front lens part and case are not waterproof so moisture or water can be soaked. But it is no hindrance at use.

■ Model & Suffix code

Model	Suffix Code	Remark
HN100	<input type="checkbox"/> <input type="checkbox"/>	Dimension 270 x 166 x 34 mm
Sensor input	1	Pt 100 Ω
Range	1	-100 °C ~ 400 °C
	2	-19.9 °C ~ 99.9 °C

■ Features

- Use high brightness LED screen
- IP57 protection
- Strong outer case

■ Specification

Power voltage	12 V d.c / 300 mA
Power consumption	Max. 4 - 5 VA
Input sensor	Pt 100Ω
Range	-100 °C ~ 400 °C / -19.9 °C ~ 99.9 °C
Display accuracy	Full Span of ±0.5 %reg, ±1 Digit
Ambient temperature	-10 °C ~ 70 °C

■ Others

Length of powercable	Standard 1.8m (ODM is available)
Length of input sensor	Standard 1.5m (ODM is available)
Shape of sensor	Waterproof SUS Tube
Display	LED 7-Segment (High brightness)
Character size	56(H) mm × 34(W) mm

■ External Dimension

(Unit : mm)

