

HANYOUNG NUX
BK3 User Friendly
Indication Only
Digital Thermometer



Hanyoung nux hynux BK3 User Friendly Indication Only Digital Thermometer Owner's Manual

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HANYOUNG NUX

Hanyoung nux hynux BK3 User Friendly Indication Only Digital Thermometer



Selection Guide

Input	Model
K Thermocouple (0 to 1,300 °C) [K]	BK3-K
K Thermocouple (0.0 to 199.9 °C) [K1]	BK3-K1
J Thermocouple (0 to 400 °C) [J]	BK3-J
RTD Pt100 Ω (-199 to 600 °C) [P1]	BK3-P1
RTD Pt100 Ω (-199.9 to 199.9 °C) [P2]	BK3-P2

Suffix code

Category	Code	Description
BK3-	<input type="checkbox"/>	Digital temperature indicator, 96(W) x 48(H)
Input	K	K thermocouple (see Range and Input Code Table)
	K1	
	J	J Thermocouple (see Range and Input Code Table)
	P1	RTD Pt100 Ω (see Range and Input Code Table)
	P2	

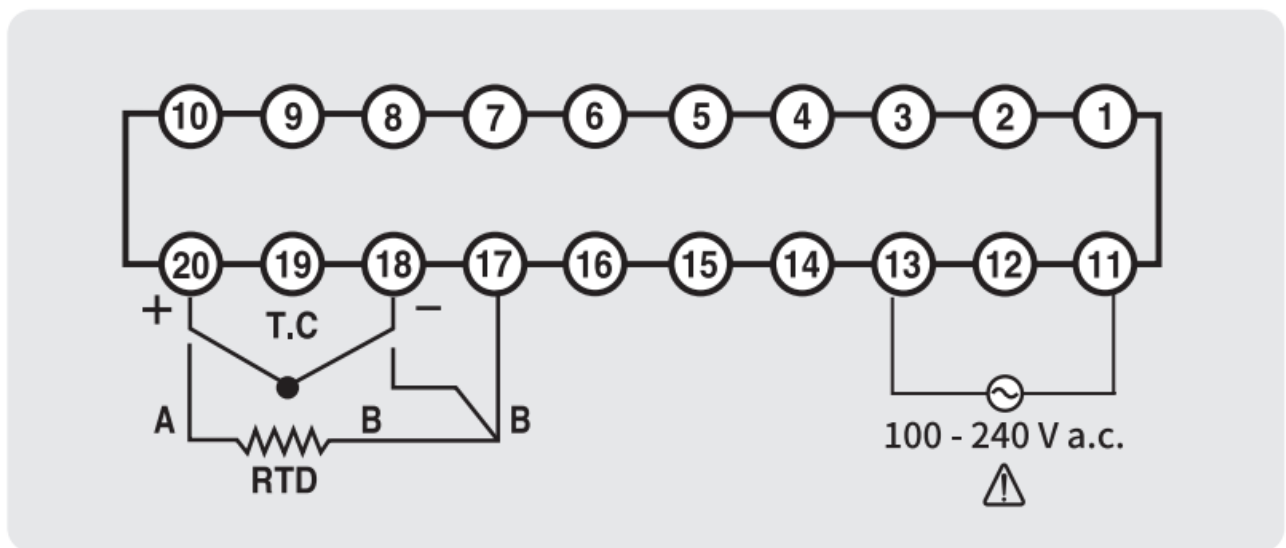
Range and input code

Category	Code	Input	Range (°C)
Thermocouple	K	K thermocouple	0 to 1,300 °C
	K1		0.0 to 199.9 °C
	J	J Thermocouple	0 to 400 °C
Resistance temperature detector	P1	Pt100 Ω	-199 to 600 °C
	P2		-199.9 to 199.9 °C

Specifications

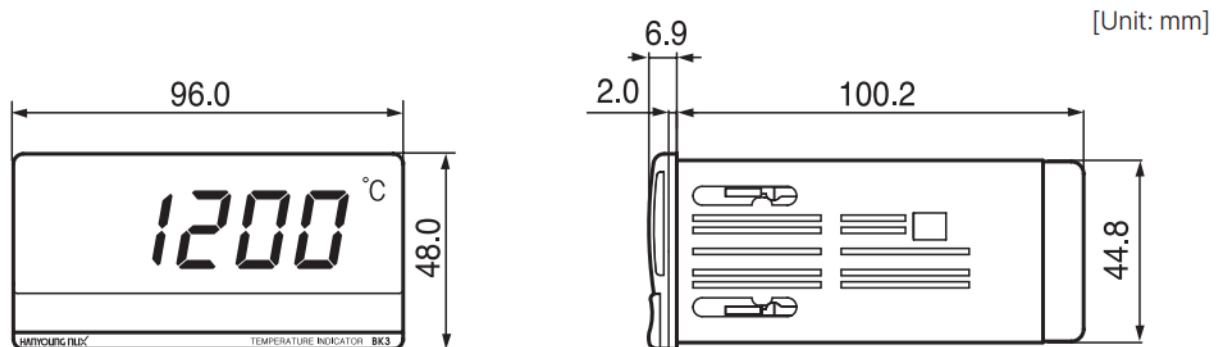
Category		Description
Input Sensor	Thermocouple	K, J (ITS-90)
	Resistance temperature detector	Pt100 Ω (IEC)
Input sampling frequency		100 ms
Input display resolution		By default, 1 °C (0.1 °C) below the indication value
Input impedance		1 M Ω (thermocouple)
Allowable signal source resistance		Thermocouple (100 Ω or lower)
Allowable wiring resistance		Within 10 Ω for each of the three wires, (however, the resistance between the three wires must be identical)
Allowable input voltage		within ± 2.5 V d.c. (thermocouples, RTDs)
Display precision		$\pm 0.5\%$ of F.S ± 1 Digit
Insulation resistance		20 M Ω or higher (500 V d.c.)
Dielectric strength		3,000 V a.c. 50/60 Hz for 1 minute (between primary and secondary terminals)
Power voltage		100 - 240 V a.c. 50/60 Hz
Voltage fluctuation rate		$\pm 10\%$ of power voltage
Power consumption		3 VA max
Ambient temperature		0 to 50 °C
Storage temperature		-25 to 65 °C
Vibration (durability)		10 - 50 Hz, single amplitude, 2 hours in each direction X·Y·Z
Shock (durability)		300 m/s ² . 3 times in each direction X·Y·Z
Weight		180 g

Connection diagram

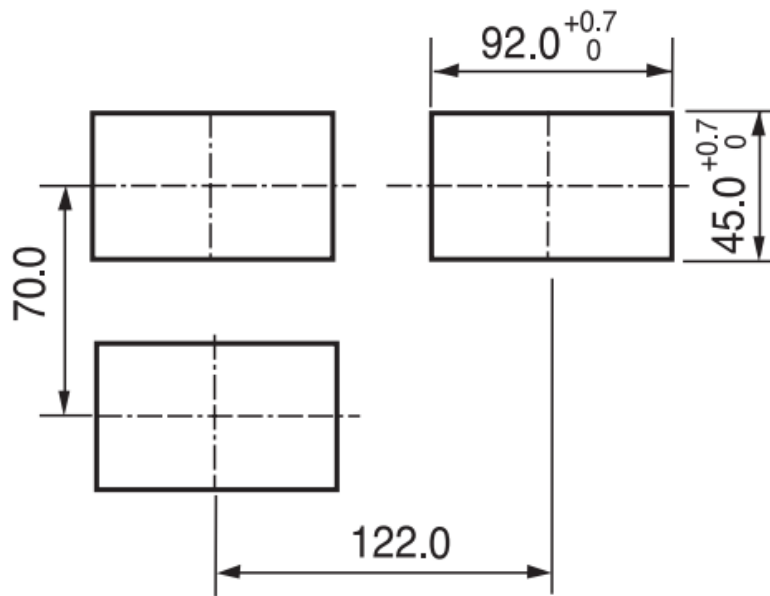


External dimensions and panel cutout dimensions

External dimensions



Panel cutout dimensions



Frequently Asked Questions

Q: How do I change the input type on the BK3 digital temperature indicator?

A: To change the input type, refer to the user manual for detailed instructions on selecting the appropriate input code based on the desired thermocouple or RTD.


Q: What is the allowable input voltage range for the BK3 digital temperature indicator?

A: The allowable input voltage range is -135 V to 135 V.

Q: What is the power consumption of the BK3 digital temperature indicator?

A: The power consumption is a maximum of 3 VA.

Documents / Resources

	<p>hynux BK3 User Friendly Indication Only Digital Thermometer [pdf] Owner's Manual BK3-K, BK3-K1, BK3-J, BK3-P1, BK3-P2, BK3 User Friendly Indication Only Digital Thermometer, BK3, User Friendly Indication Only Digital Thermometer, Indication Only Digital Thermometer, Only Digital Thermometer, Digital Thermometer</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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