



## NX-TS3204

4 Temperature Sensor Inputs, Pt100 (3-wire), Pt1000 (3-wire) resolution 0.001°C, 60 ms/Unit, screwless push-in connectors,  
24 mm wide

# Specifications

I/O system	NX I/O Bus
Type of module	Analog I/O
Number of analog inputs	4
Temperature input type	Pt100, Pt1000
Linear analog input type	None
Resolution of the analog inputs	20 Bit
Input circuit type	Single-ended
Number of analog outputs	0
Linear analog output type	None
Conversion time	60 ms/unit
Signal processing	Free running
IO-Link master	✘
I/O connection type	Push-in
Number of I/O connectors	2
Detachable I/O connector	✔
Suitable for safety functions	✘
SIL according to IEC 61508	None
Degree of protection (IP)	IP20
Product Height (unpacked)	100 mm
Product Width (unpacked)	24 mm
Product Depth (unpacked)	80 mm
Product Weight (unpacked)	140 g

# Accessories



**NX-AUX02**

Terminal block coding pins for 10x NX I/O units (terminal block: 30 pins, unit: 30 pins)



**NX-HB3201**

Heater Burnout Detection Unit, 4 CT inputs, 4 PNP Outputs, screwless push-in connector, 12 mm wide

# Spare parts



**NX-TBA162**

Replacement screwless push-in connector with 16 wiring terminals (marked A+B)



**NX-TBB162**

Replacement screwless push-in connector with 16 wiring terminals (marked C+D)

## CAD Library



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### IO-Link Series Brochure

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### Machine Safety Solution Brochure

EN PDF 2.86 MB



### NX-HAD Brochure

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### NX-HTC/NX-TC/EJ1/E5DC-B Temperature control units Flyer

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### NX-series Reference Manual

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### NX-series Temperature Input Unit / Heater Burnout Detection Unit - NX-TS/HB Datasheet

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### NX-series Temperature Input and Heater Burnout Detection Units Users Manual

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### Omron NX-ECC20x EtherCAT ESI file

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### PLC I/O Interface Wiring System Selection Connection Guide

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