

GX-TC200

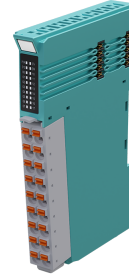
iO-GRID X TC Module

Thermocouple temperature module supporting T, J, K, E, S, R, N, and B thermocouple types. High-accuracy and high-stability design suits a wide range of temperature measurement applications.

Supports sensor temperature display, offset setting, and open-circuit detection for improved safety and tuning flexibility.

Celsius/Fahrenheit unit switching supports different application requirements.

Push-in wiring and optical isolation support both installation convenience and stable signal performance.



Product
Certification



Technical Specifications

Module Type	Temperature Module
Field Voltage Supply	24 VDC (-15%~+20%)
Field Current Consumption	Max. 49mA@24VDC
System Voltage Supply	5 VDC; via power jumper contacts
System Current Consumption	Max. 100mA@5VDC
Resolution	16 bit
Accuracy	±0.3% FSR
Connection Method	Push-in connection
Conversion Time	200 ms
Type	B, E, J, K, N, R, S, T
Isolation Method	Photocoupler Isolation
Indicators	4 Green Input States

General Specifications

Dimensions (W*D*H)	12 x 105 x 69mm
Weight	62 g
Operating Temperature	-10 ... 60 °C
Storage Temperature	-25...+85 °C
Permissible Humidity(Non-condensing)	RH 95%
Altitude Limit	< 2000 m
Ingress Protection (IP)	IP20
Pollution Severity	II
Product Certification	UL / CE



Wire Range (IEC / UL)	0.2mm2...1.5mm2(AWG 24...16)
Suggested Terminals	DN00510D / DN00710D
