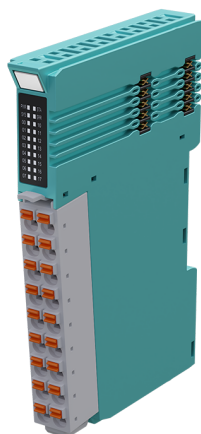


GX-RT200

iO-GRID X RTD Module

Supports 2/3/4-wire RTD sensors.

PT50, PT100, PT200, PT500, PT1000, NI100,
NI120.16-bit resolution, $\pm 0.1\%$ FSR.

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	±0.1% FSR
Connection Method	Push-in connection
Sensor Connector	2/3/4 - wire
Conversion Time	30 ms
Type	Pt50□ Pt100□ Pt200□ Pt500 (-200°C~850°C) Pt1000 (-200°C~300°C) Ni100 (-60°C~180°C) Ni120 (-80°C~260°C)
Isolation Method	Photocoupler Isolation
Indicators	4 Green Input States

General Specifications

Dimensions (W*D*H)	12 x 105 x 69mm
Weight	70 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