

GX-AI22C

iO-GRID X Analog Input Module

4-channel analog current input.

Resolution: 16-bit.

Supports 0~20mA and 4~20mA input ranges.

Configurable upper and lower limits, as well as offset adjustments.

Includes watchdog monitoring.



Product
Certification



Technical Specifications

Module Type	Analog Input Module
Field Voltage Supply	24 VDC (-15%~+20%)
Field Current Consumption	Max. 9.5mA@24VDC
System Voltage Supply	5 VDC; via power jumper contacts
System Current Consumption	Max. <120mA@5VDC
Input Impedance	250Ω, (最大值)
Number of Analog Input	4
Analog Input Signal Type	0mA ~ 20mA□4mA ~ 20mA
Analog Input Signal Design	Differential signal
Resolution	16 bit
Accuracy	±0.1%
Connection Method	Push-in connection
Conversion Time	10ms
Isolation Method	Photocoupler Isolation
Indicators	4 Green Input Status□Power Status : Green□ System Status : Green□Alarm Status : Red

General Specifications

Dimensions (W*D*H)	12 x 105 x 69 mm
Weight	60g
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)	0.2mm ² ...1.5mm ² (AWG 24...16)
Suggested Terminals	DN00510D/DN00710D