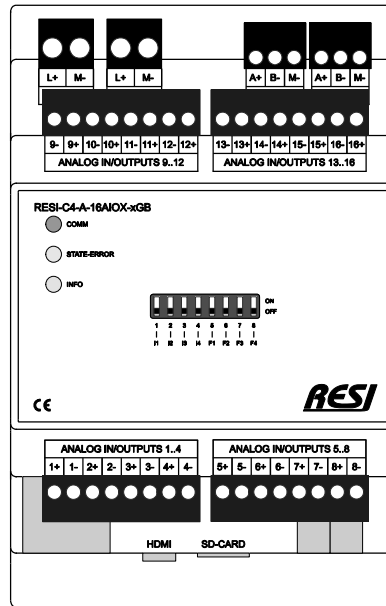# RESI-C4-A-16AIOX-xGB

Our powerful controller for almost any IoT, Building Automation or Industrial Automation task. Based on the Raspberry Pi® Compute Module 4 with 2/4/8GB build in RAM, 32 GB SD CARD and stable 12-48Vdc power supply, 1xEthernet, 2xUSB 2.0, 1xMini-HDMI. LINUX is preinstalled. Additional versions with preinstalled CODESYS® runtime or Node Red, OpenHAB,... available.
The controller offers 16 universal inputs or outputs for analogue or digital signals or RTD sensors.

DIN EN 50022	ON-WALL	Raspberry Pi CM4®	XT4	12-48V=	16xAI/AO/RTD/DI
Snap-on for DIN-Rail	Mounting on-wall	inside	72x110x62mm	Power supply	0-10V, 0-20mA RTD, DI

16 Universal Channels Analog Input or Analog Output or RTD Inputs or Digital Input	ANALOG INPUT 0/2...10V or 0/4..20mA	±0.2% 16 Bit
	ANALOG OUTPUT 0/2...10V or 0/4..20mA	±0.3% 13 Bit
	RTD Sensor Input 0...80Ω 80...200Ω 200...10kΩ 10kΩ...20kΩ 20kΩ...100kΩ 100kΩ...200kΩ 200kΩ...1MΩ	0.5%±0.5 0.3% 0.2% 0.3% 0.8% 1.0% 8.0% 16 Bit
	LOGIC INPUT or DRY CONTACT	≤40V ≤1.8mA 0.5...24.5mA

Functionality
IoT controller with 16 universal inputs or outputs.
Each channel can be configured to one of the following input or output types:
AI: 0/2-10V, 0/4-20mA or AO: 0/2-10V, 0/4-20mA or RTD: 0-1MΩ or
DI: max 30Vdc Signals or dry contact

RESI