

# C4: COMBINED IOs

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.

|                              |                   |                      |  |   |   |
|------------------------------|-------------------|----------------------|--|---|---|
| RESI-C4-A-32DI24RO4AIOX-xGB  | Raspberry Pi CM4® | XT12<br>213x110x62mm | 32xDI  | 32<br>Digital Inputs  | LOGIC INPUT<br>12...48V=<br>≤1.8mA  |
|                              |                   |                      | 24xRO  | 24<br>Relay Outputs   | RELAY OUTPUT<br>≤30V=<br>≤250V~<br>≤6A<br><br>24xForm A   |
|                              |                   |                      | 4xAIOX<br>Universal analog<br>Inputs or outputs  | 4<br>Universal Inputs<br>or Outputs<br><br>Each channel can be<br>configured to:<br><br>Analog Input<br>or<br>Analog Output<br>or<br>RTD Sensor<br>Input<br>or<br>Digital Input | ANALOG INPUTS<br>0...10V or 0..20mA or 4..20mA<br>±0.2% 16 Bit<br><br>ANALOG OUTPUTS<br>0...10V or 0..20mA or 4..20mA<br>±0.3% 13 Bit<br><br>RTD Sensors<br>0...80Ω 0.5%±0.5 16 Bit<br>80...200Ω 0.3% 16 Bit<br>200...10kΩ 0.2% 16 Bit<br>10kΩ...20kΩ 0.3% 16 Bit<br>20kΩ...100kΩ 0.8% 16 Bit<br>100kΩ...200kΩ 1.0% 16 Bit<br>200kΩ...1MΩ 8.0% 16 Bit<br><br>LOGIC INPUT<br>DRY CONTACT ≤40V ≤1.8mA<br>0.5...24.5mA |
|                              |                   |                      |  |   |   |
| RESI-C4-A-32DI24RO8AIOX-xGB  | Raspberry Pi CM4® | XT12<br>213x110x62mm | 8xAIOX<br>Universal analog<br>Inputs or outputs  | Rest like<br>RESI-C4-A-32DI24RO4AIOX-xGB  |   |
| RESI-C4-A-32DI24RO16AIOX-xGB | Raspberry Pi CM4® | XT12<br>213x110x62mm | 16xAIOX<br>Universal analog<br>Inputs or outputs | Rest like<br>RESI-C4-A-32DI24RO4AIOX-xGB  |   |