

Voltage/Current Interface Module

Applied Analytics DS-205A

Revised 27 March 2014



I/O Electronics for communication between the Applied Analytics HMI and the outside world.

The Voltage/Current Interface Module (VCIM) converts the digital reading data from the HMI to individual analog 4-20 mA signals for each configured output. The device is typically mounted on the back of the HMI.

Technical Data	
Outputs	<ul style="list-style-type: none">• 3x galvanically isolated 4-20 mA outputs (additional outputs optional)• 1x digital fault alarm• 1x 4-20 mA analog input• 1x digital input• 1x K type ungrounded thermocouple input• 4x relay outputs
Power Supply	10-24 VDC 0.5 amps required for logic, and additional 24 VDC required if relay outputs are used
Max. Analog Output Load Resistance	511 ohms
Relays	Normally open contacts Source 24 VDC at 3A max. inductive load for 200,000 cycles
Operating Temperature	Maximum: 65 °C



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