



VIA MAESTRI DEL
LAVORO,30
(ZONA INDUSTRIALE)
56021 CASCINA (PI)
ITALY

CAPITALE SOCIALE
100.000,00 €

C.F. E P.I. 01252870504



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OPRIOAOM00

Analog Out put Board

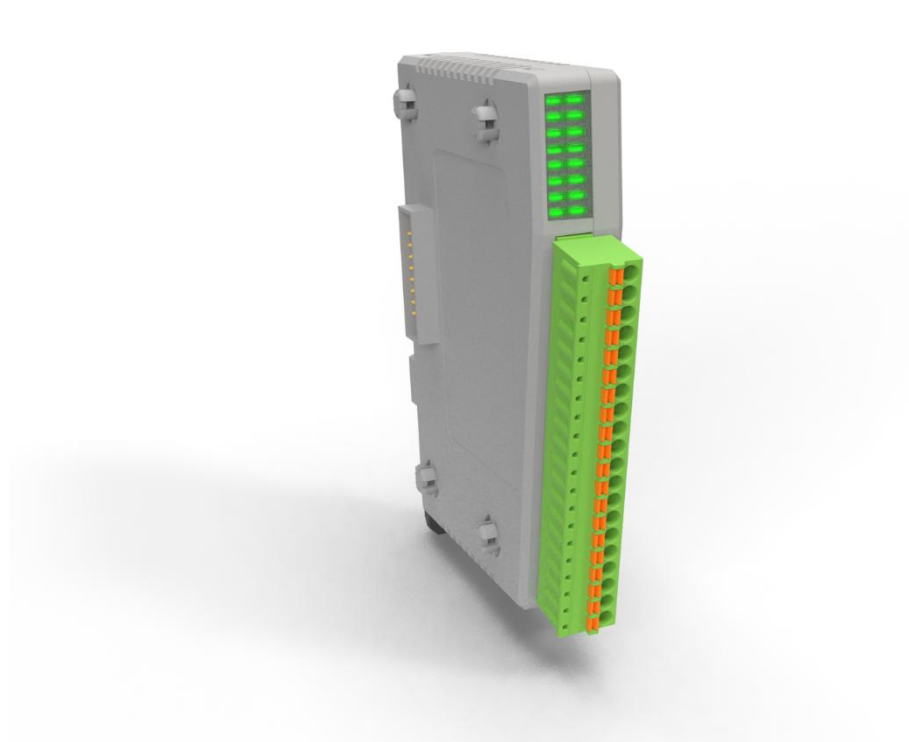
Reduced Data sheet

Version: 1

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Overview



The analog output module is part of the αRIO family of modules. The OPRIOAOM00 module converts numerical values processed by the PLC into voltages. The module has 4 output channels with a resolution of 12 bits. The reference ground for all outputs is the 0V contact.

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Part Number

Code

Code	Description
OPRIOAOM00	Module αRIO Analog Output (4 channels)

Product status

Item	Value
Status	In production: suitable for new application
In production from:	March 2019
In production at least until:	Dec 2028

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Technical data summary

Power requirements	
Input Power	Internal bus powered
BUS Power Consumption	Max 130mA
Internal bus	
	I-BUS
Analog Output	
Number of channels	4
Resolution	12 bits
Output range	-10...+10V
Environment	
Operating temperature	0 ... 50 °C
Storage Temperature	-10 ... 70 °C [The environment during transportation and storage must be dry and free from dust]
Humidity	Up to 90% without condensation
Overall Dimension	Approx. 108.5mm (H) x 18mm (W) x 80mm (D)
Weight	110 gr.
Protection Class	IP20
Mounting	Standard 35mm DIN rail
Hardware Diagnostics	
Output Status	Amber LED
Software Diagnostic	
GND	Earth connection detection
Temperature	High temperature detection
Short Circuit	Short to GND
Installation and Weight	
Installation	Guide DIN 35mm standard EN 60715
Weight	110 gr.

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Certifications

Certification	Description
CE	EU Declaration of Conformity: EMC Directive 2014/30/UE Standards used: EN 61000-6-2:2019 EN 61000-6-4:2019
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
Origin	Italy
CRA	Yes (pending)

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Layout and dimension

<i>P/n</i>	<i>Unit</i>	<i>Width</i>	<i>Height</i>	<i>Depth</i>
OPRIOAOM00	[mm]	18	108.5	80

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Reference documents

Full technical data sheet: OPRIOAOM00