



1762sc-OF8 8-Channel Analog Output Module

for Allen-Bradley MicroLogix 1100/1200/1400 PLCs



- Eight channels of voltage or output provide a flexible solution for applications requiring high density analog output.
- Any combination of output types may be used at one time.
- Features 120 Vac channel-to-backplane isolation; 120 Vac channel-to-chassis ground isolation
- Easily configured by ladder register settings.
- Channel selectable voltage and current output ranges.
- Low power consumption.

Reduce System Costs

The 1762sc-OF8 can reduce system costs by replacing low density analog I/O modules with one module. The 1762sc-OF8 module offers unipolar and bipolar output ranges with high performance resolution up to 16 bits. The module supports up to eight voltage or outputs. Mix and match output types to reduce your analog I/O module count. Installation is simplified and costs are reduced by using a common I/O within your system.

State-of-the-Art Features

There are 6 output types and configuration options provide unsurpassed flexibility and simplify integration. Features such as output type and data format are individually programmable for each channel. Accuracy is comparable to dedicated analog output modules. The module incorporates proprietary Allen-Bradley ASIC technology insuring operation and performance mirror existing Allen-Bradley products. Configuration is accomplished using existing RSLogix programming software.

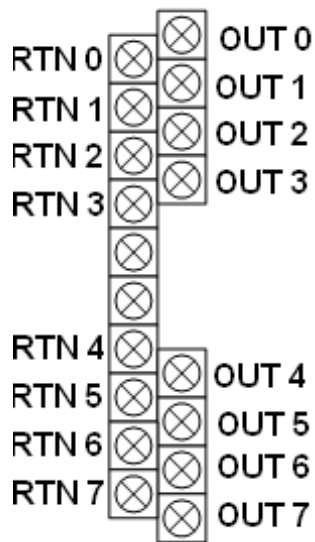
The Spectrum Controls 1762sc-OF8 is compatible with Allen-Bradley MicroLogix 1100 / 1200 / 1400 systems. It offers the functionality of dedicated analog input modules without compromising performance or price.

1762sc-OF8

8-Channel Analog Output Module

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Terminal Block



Outputs per Module	8 (eight) Voltage, Current
Module Location	MicroLogix 1100/1200/1400
Output Types Current Voltage	0-20 mA, 4-20 mA 0-5V, 1-5V, 0-10V, ±10V
Advanced Features	Selectable Data Formats PID, Engineering Units, Raw Count, Percent of Range
Settling Time With eight channels enabled	<2.9ms to 63% of full scale
Maximum Load	Current: 0 Ohm Minimum, 500 ohm max, Voltage: >= 1kohm at 10V output (10mA) including wire resistance
Electrical Isolation	120 Vac field-wiring-to-backplane 120 Vac field-wiring-to-chassis-ground
Output Impedance	Current: >1Mohm Voltage <1ohm
Output Overvoltage Protection	+24Vdc for 1 minute
Short Circuit Protection	IEC 1131-2 Compliant
Output Accuracy	+/- 0.025V @ 25C, +/-60microA @ 25C
Backplane Current Required	30 mA @ 5 V max 250 ma @ 24V
Thermal Dissipation	4 Watts, maximum
Environmental Conditions Operational Temperature Storage Temperature Relative Humidity	-20° to 60°C (-4° to 140°F) -45° to 85°C (-49° to 185°F) 5 to 95% (non-condensing)
Certifications	UL/cUL (Class I, Div 2, Groups ABCD) and CE
Weight	0.17kg (0.38lb)



Corporate Headquarters
 Spectrum Controls, Inc.
 P.O. Box 5533 • Bellevue, WA 98006 USA
 Tel 425-746-9481 • Fax 425-641-9473
 Email spectrum@spectrumcontrols.com
 www.spectrumcontrols.com

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