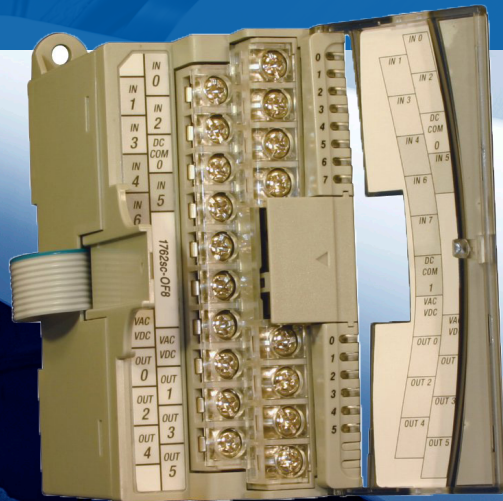


MicroLogix™

1762sc-OF8

8-Channel Analog Output Module



The 1762sc-OF8 Module provides high-density analog output capability in one I/O module. The 1762sc-OF8 module can replace low-density analog output modules without compromising performance or price.

Reduce System Costs

- Eight current or voltage outputs.
- Six output ranges.
- Use any combination of output types at one time.
- Individually programmable for each channel
- Accuracy comparable with dedicated analog modules.
- Easy to configure using ladder register settings or RSLogix programming software.
- Channel-selectable voltage and current output ranges (unipolar and bipolar output ranges).

1762sc-OF8 Specifications

Output Types	8 V, C outputs
Output Ranges	
Current	0-20 mA, 4-20 mA
Voltage	0-5 V, 1-5 V, 0-10 V, ± 10 V
Resolution	16 bits
Advanced Features	Selectable data formats; PID, Engineering Units, Raw Count, Percent of Range
Settling Time (8 channels enabled)	<1 ms to 63% of full scale
Electrical Isolation (continuous)	Channel-to-channel: Input channels are differential as long as all pins are within 13 VDC of the output return lines. Channel to rack: 125 VAC continuous. 10 VDC channel-to-channel isolation.
Output Impedance	
Current	Current >1 Mohm
Voltage	<1 ohm
Output Overvoltage Protection	+24 VDC for one minute
Output Accuracy	± 20 mV at 25 °C; ± 50 uA at 25 °C
	30 mA at 5 V
Backplane Current Required	250 mA at 18.7 V 195 mA at 24 V
Environmental Conditions	
Operational Temperature:	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temperature:	-40 °C to 85 °C (-40 °F to 185 °F)
Relative Humidity	5% - 95% (non-condensing)
Thermal Dissipation	4.9 Watts, maximum
Certifications	UL/cUL (Class I, Div 2, Groups ABCD), and CE
Weight	279 g (9.84 ozs)