

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.

- Eight analog output channels: voltage; current.
- Six output ranges (two current and four voltage).
- 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 Studio 5000 programming software.
- Channel-selectable voltage and current output ranges (unipolar and bipolar output ranges).

# 1762sc-OF8 Specifications



Channels Per Module	8 Voltage, Current
Output Ranges Current Voltage	0-20 mA, 4-20 mA 0-5 V, 1-5 V, 0-10 V, $\pm 10$ V
Resolution	16 bits
Advanced Features	
Output Overvoltage Protection	$\pm 24$ VDC for one minute
Settling Time	<1 ms to 63% of full scale
Data Formats	PID, Engineering Units, Raw Count, Percent of Range
Electrical Isolation (continuous)	Channel to rack: 50 VAC continuous (707 VDC for 1 minute) 10 VDC channel-to-channel isolation.
Output Accuracy	$\pm 20$ mV at 25 °C $\pm 50$ $\mu$ A at 25 °C
Output Impedance Current Voltage	>1 Mohm <1 ohm
Backplane Current Required	30 mA at 5 V 250 mA at 18.7 V 195 mA at 24 V
Thermal Dissipation	4.9 Watts, maximum
Environmental Conditions Operational Temperature Storage Temperature Relative Humidity	-20 °C - 60 °C (-4 °F - 140 °F) -40 °C - 85 °C (-40 °F - 185 °F) 5% - 95% (non-condensing)
Certifications	UL/cUL Listed ANSI ISA 12.12.01 (Class I, Div 2, Groups ABCD), CE, UKCA, CMIM