

1762 MicroLogix Expansion I/O

Analog I/O Modules

Cat. No.	Inputs/Outputs	Analog Ranges	Bus Current Draw, Max.	Overall Accuracy*	Resolution Across Full Range	Typical Update Period
1762-IF4	4 differential inputs (bipolar)	Voltage: $\pm 10V$ Current: 4...20 mA	40 mA at 5V DC 50 mA at 24V DC	$\pm 0.32\%$ full scale at -20...65° C (-4...149° F)‡ $\pm 0.24\%$ full scale at 25° C (77° F)	15 bits (bipolar)‡	130, 250, 290, 450, 540 ms (selectable)
1762-OF4	4 single-ended outputs (unipolar)‡	Voltage: 0...10V Current: 4...20 mA	40 mA at 5V DC 165 mA at 24V DC	$\pm 1.17\%$ full scale at -20...65° C (-4...149° F)‡ $\pm 0.5\%$ full scale at 25° C (77° F)	12 bits (unipolar)	2.5 ms
1762-IF2OF2	2 differential inputs (unipolar) 2 single-ended outputs (unipolar)	Voltage: 0...10V Current: 4...20 mA	40 mA at 5V DC 105 mA at 24V DC	$\pm 0.55\%$ full scale at -20...65° C (-4...149° F)‡ $\pm 0.3\%$ full scale at 25° C (77° F)	12 bits (unipolar)	2.5 ms (inputs) 4.5 ms (outputs)

* Includes offset, gain, non-linearity, and repeatability error terms.

‡ Only applicable for series B.