

2 Input/2 Output Isolated Combination Module

Specification	1794-IF2XOF2I, 1794-IF2XOF2IXT
Normal mode rejection ratio	-3 dB @ 12 Hz (300 Hz conversion rate) -80.0 dB @ 50 Hz (300 Hz conversion rate) -3 dB at 6 Hz (150 Hz conversion rate) -80 dB at 60 Hz (150 Hz conversion rate)
Accuracy ⁽¹⁾	Current input or output: 0.1% Full Scale @ 25 °C Voltage input or output: 0.1% Full Scale @ 25 °C
Accuracy drift with temperature	Current input: 0.0038% Full Scale /°C Voltage input: 0.0028% Full Scale /°C Current output: 0.0025% Full Scale /°C Voltage output: 0.0012% Full Scale /°C
Input impedance	Current input: <100 Ω Voltage input: >1 M Ω ⁽³⁾
Voltage input, overload, max	30V, single channel, continuous
Output resolution	15 bit + sign 0.656 μ A/cnt 0.320 mV/cnt
Output conversion type	Digital-to-analog converter
Output conversion rate	2.5/5.0 ms
Current load on voltage output, max	3 mA
Resistive load on current output	0...750 Ω
Dimensions (HxWxD), approx	1794-IF2XOF2I: 46 x 94 x 53 mm (1.8 x 3.7 x 2.1 in.) 94 x 94 x 69 mm (3.7 x 3.7 x 2.7 in.) installed 1794-IF2XOF2IXT: 46 x 94 x 75 mm (1.8 x 3.7 x 2.9 in.) 94 x 94 x 91 mm (3.7 x 3.7 x 3.6 in.) installed
Temperature, operating	1794-IF2XOF2I: 0...55 °C (32...131 °F) 1794-IF2XOF2IXT: -20...70 °C (-4...185 °F)

(1) Includes offset, gain, non-linearity and repeatability error terms.

(2) Can be calibrated in field when necessary.

(3) If 24V DC is removed from the module, input resistance = 10 K Ω .

FLEX I/O Analog Output Modules

Analog Output Comparison

Catalog Number	Output Signal Range	External DC Supply Current, Nom	Power Dissipation, Max	Thermal Dissipation, Max
1794-OE4 ⁽¹⁾	4...20 mA 0...20 mA $\pm$ 10V 0...10V	70 mA @ 24V DC ⁽²⁾	4.5 W @ 31.2V DC	15.3 BTU/hr @ 31.2V DC
1794-OE4XT		180 mA @ 10.5V DC		13.6 BTU/hr @ 31.2V DC
1794-OE8H	4...20 mA (user configurable) 0...20 mA (user configurable)	255 mA @ 24V DC	6.1 W	20.8 BTU/hr
1794-OE12	0 mA output until module is configured 4...20 mA (user configurable) 0...20 mA (user configurable)	320 mA @ 24V DC; 720 mA @ 10.0V DC	40 W @ 31.2V DC; 4.3 W @ 24V DC; 10.0 W @ 10.0V DC	14.7 BTU/hr @ 24V DC