

1794-IF2XOF2I

Allen-Bradley (Rockwell Automation) · FLEX I/O / Bulletin 1794

The Allen-Bradley 1794-IF2XOF2I is an isolated analog combination module in the FLEX I/O (Bulletin 1794) family. It provides two isolated analog inputs and two isolated analog outputs for independent signal conditioning. The module mounts on a FLEX I/O terminal base and requires an external 24V DC supply.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1794-IF2XOF2I

Base Catalog: 1794-IF2XOF2I

Series Suffix: None

Product Type: Analog Combination I/O Module (Isolated)

Product Family: FLEX I/O / Bulletin 1794

Model-Specific Specifications:

2 isolated analog inputs plus 2 isolated analog outputs

16-bit input, 15-bit plus sign output

4-20mA, 0-20mA, plus/minus 10V, 0-10V

external 24V DC supply

Series / Family Common Specifications:

Modular components snap together and mount on a DIN rail; each I/O module requires a 1794-TBx terminal base (snaps to DIN rail, provides field wiring + backplane).

Backplane bus is FlexBus; terminal bases link to form the backplane; modules connect via FlexBus + terminal base.

Standard operating temperature 0 to 55 °C (storage -40 to 85 °C). [FLEX I/O-XT variant rated -20 to 70 °C.]

Adapters are 24V DC nominal input, 10-24 V DC; field-side voltage is model-dependent, not family-wide.

Provides basic insulation field-to-system; isolation voltage is per-module / per-terminal-base, not a single family number.

Max 8 I/O modules per adapter assembly; up to 256 digital or 96 analog points per assembly.

Lifecycle Status: Active Mature

Discontinuation Date: N/A (active product)

Recommended Replacement: Replacement Available