

INDUSTRIAL AUTOMATION PRODUCT

1794-IE4XOE2

FLEX 4-Input / 2-Output Analogue Combination Module

Allen-Bradley 1794-IE4XOE2 is a FLEX I/O analogue combination module with four inputs and two single-ended outputs. It exchanges configured analogue process signals through the installed FLEX I/O terminal base and adapter.

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley FLEX I/O 1794 system
Part number	1794-IE4XOE2
Product role	Acquires four configured analogue input channels
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install 1794-IE4XOE2 on the exact FLEX I/O terminal base specified by the official user manual and record all four input and two output channels before removal. Restore channel range, scaling and adapter configuration, then validate each loop and module diagnostic under controlled conditions.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



1794-IE4XOE2

Technical Specifications

Technical values below are limited to the named Allen-Bradley product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Catalogue number	1794-IE4XOE2	Nominal supply	24 V DC
Input points	4	Series	B
Output points	2 single-ended	Operating temperature	0 to 55 deg C
Module function	Analogue combination I/O		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Allen-Bradley FLEX I/O 1794 system
Primary system role	Acquires four configured analogue input channels
Connection boundary	Install 1794-IE4XOE2 on the exact FLEX I/O terminal base specified by the official user manual and record all four input and two output channels before removal. Restore channel range, scaling and adapter configuration, then validate each loop and module diagnostic under controlled conditions.
Controlled acceptance duty	Compact analogue process stations

ENGINEERING BOUNDARY

Confirm 1794-IE4XOE2, Series B, FLEX I/O adapter and terminal base, 24 V DC supply, four input and two single-ended output assignments, signal ranges, scaling, commons, shielding, grounding, controller project and controlled loop-test results before commissioning.

Pre-Installation Checks

- 1

Confirm 1794-IE4XOE2, Series B and the assigned FLEX I/O station position.
- 2

Place affected process loops and final elements in the approved maintenance state.
- 3

Isolate field and module power and use ESD controls during handling.
- 4

Record all four input and two output terminals, commons, shields and field supplies.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	1794-IE4XOE2
Installed host	Allen-Bradley FLEX I/O 1794 system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Allen-Bradley 1794-IE4XOE2 is a FLEX I/O analogue combination module with four inputs and two single-ended outputs. It exchanges configured analogue process signals through the installed FLEX I/O terminal base and adapter.

FUNCTION 1
Acquires four configured analogue input channels

FUNCTION 2
Provides two single-ended analogue output channels

FUNCTION 3
Uses the modular FLEX I/O terminal-base architecture

FUNCTION 4
Operates from the documented 24 V DC supply arrangement

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Allen-Bradley FLEX I/O 1794 system
2	4
3	Compact analogue process stations
4	Install 1794-IE4XOE2 on the exact FLEX I/O terminal base specified by the official user manual and record all four input and two output channels before removal. Restore channel range, scaling and adapter configuration, then validate each loop and module diagnostic under controlled conditions.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Allen-Bradley FLEX I/O 1794 system
Interface role	Acquires four configured analogue input channels
Field / power context	The module plugs into the documented FLEX I/O terminal base and communicates through the installed adapter. Commissioning preserves terminal assignments, field supplies, channel ranges, scaling and controller configuration.
Commissioning evidence	Prove every input and output loop before automatic operation.

Installation and Connection Checks

1
Verify the terminal-base catalogue and adapter arrangement against the official manual.

2
Restore channel type, range, scaling and controller I/O configuration.

3
Review module, adapter and controller diagnostics after controlled power-up.

4
Prove every input and output loop before automatic operation.

MANUFACTURER SOURCE RECORD

FLEX I/O Analogue Modules User Manual
Rockwell Automation publication 1794-UM062

Applications and Engineering Context

Compact analogue process stations

Combines sensing and command loops in one FLEX I/O module position.

Skid control I/O

Connects a small set of transmitters and control outputs through a remote FLEX station.

Machine utility monitoring

Acquires analogue condition signals and returns configured analogue commands.

FLEX I/O migration verification

Provides the exact channel record required for controlled module replacement.

TECHNICAL NOTE

Install 1794-IE4XOE2 on the exact FLEX I/O terminal base specified by the official user manual and record all four input and two output channels before removal. Restore channel range, scaling and adapter configuration, then validate each loop and module diagnostic under controlled conditions.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	1794-IE4XOE2 recorded
Host / carrier	Allen-Bradley FLEX I/O 1794 system
Physical interface	Acquires four configured analogue input channels
Configuration	Review module, adapter and controller diagnostics after controlled power-up.
Functional proof	Prove every input and output loop before automatic operation.

IMPORTANT NOTICE

Confirm 1794-IE4XOE2, Series B, FLEX I/O adapter and terminal base, 24 V DC supply, four input and two single-ended output assignments, signal ranges, scaling, commons, shielding, grounding, controller project and controlled loop-test results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	1794-IE4XOE2
Approved role	Compact analogue process stations
Final validation	Prove every input and output loop before automatic operation.

Engineering Precautions

1	Confirm 1794-IE4XOE2, Series B and the assigned FLEX I/O station position.	2	Place affected process loops and final elements in the approved maintenance state.
3	Isolate field and module power and use ESD controls during handling.	4	Record all four input and two output terminals, commons, shields and field supplies.
5	Verify the terminal-base catalogue and adapter arrangement against the official manual.	6	Restore channel type, range, scaling and controller I/O configuration.
7	Review module, adapter and controller diagnostics after controlled power-up.	8	Prove every input and output loop before automatic operation.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
1794-OE4	FLEX analogue output module	View 1794-OE4 page
1756-IF8	ControlLogix analogue input module	View 1756-IF8 page
1756-OF8	ControlLogix analogue output module	View 1756-OF8 page
1756-A10	ControlLogix chassis	View 1756-A10 page
1756-PA75	ControlLogix power supply	View 1756-PA75 page
1756-ENBT/A	EtherNet/IP module	View 1756-ENBT/A page
1756-L71	ControlLogix controller	View 1756-L71 page
1794-IE8	FLEX analogue input module	View 1794-IE8 page

MANUFACTURER SOURCE RECORD

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