

ALLEN-BRADLEY BLOCK I/O

Product Data Sheet

1791-N4V2

four-input two-output analog block

FUNCTION	FAMILY	ORIGIN	WEIGHT
four-input two-output analog block	Allen-Bradley Block I/O	Switzerland	Confirm before dispatch

Allen Bradley 1791-N4V2 is a four-input two-output analog block for the Allen-Bradley Block I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	1791-N4V2
Product Class	Four-Input Two-Output Analog Block
Product Family	Allen-Bradley Block I/O
Analog Inputs	4 selectable
Analog Outputs	2 voltage
Input Resolution	14 bit
Voltage Input Ranges	± 10 V, ± 5 V, 0–10 V, 0–5 V
Current Input Ranges	± 20 mA, 0–20 mA
Input Update Rate	108 ms for four channels
Voltage Input Impedance	10 M Ω

ADDITIONAL PRODUCT DATA

Current Input Impedance	249 Ω
Input Accuracy	0.1% at 25 °C
Input Linearity	0.05% at 25 °C
Output Range	± 10 V
Output Update Rate	10 ms per channel

OFFICIAL APPLICATIONS

- Assembly cells and conveyors for four-input two-output analog blo: Cell coordination tasks ■ four-input process signal handling ■ four-input operating status exchange
- Air handling and plant rooms for four-input two-output analog blo: Building control tasks ■ four-input process signal handling ■ four-input operating status exchange
- Automated production equipment for four-input two-output analog blo: Machine coordination tasks ■ four-input process signal handling ■ four-input operating status exchange

SYSTEM COMPATIBILITY

Match 1791-N4V2 to the installed Allen-Bradley Block I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Manufacturer official product documentation](#)

<https://literature.rockwellautomation.com/>

AMIKON PRODUCT SUPPORT

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