

## INDUSTRIAL COMPONENT DATA

# NX-AD4604 NX020031C NXAD4604 OMRON Unit NX 8 Inputs of an analogue +/-10V Differential 1/8000 250µs

Brand: OMRON | Manufacturer Part Number: NX-AD4604



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | OMRON                                              |
| MPN / Reference | NX-AD4604                                          |
| Catalog number  | NXAD4604                                           |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-3375162AF6                                      |
| Generated       | 2026-08-03                                         |

## Product Overview

Unit NX - 8 Inputs of an analogue +/-10V Differential 1/8000 250µs

8 Analog Inputs, -10 to +10 V differential, resolution 1:8000, 250 µs/ch, screwless push-in connector, 12 mm wide

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON &gt; Integrated Automation &gt; Machine I/O NX-series

## Additional Product Information

I/O systemNX I/O BusType of moduleAnalog I/ONumber of analog inputs8Temperature input typeNoneLinear analog input type-10 to 10 VResolution of the analog inputs13 BitInput circuit typeDifferentialNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time2 ms/unitSignal processingFree runningI/O-Link masterI/O connection typePush-inNumber of I/O connectors1Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneDegree of protection (IP)IP20Product Height (unpacked)104.5 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80.1 mmProduct Weight (unpacked)70 g  
ETIM for 375624 PLC's (EC001596)  
Feature Name  
Feature Value  
Degree of protection (NEMA) (EF011959)  
Other  
Degree of protection (IP) (EF005474)  
IP20  
Performance level according to EN ISO 13849-1 (EF007399)

Level a  
SIL according to IEC 61508 (EF009889)  
None  
Voltage type (supply voltage) (EF002991)  
DC  
Explosion safety category for gas (EF003997)  
None  
Explosion safety category for dust (EF003998)  
None  
Type of electric connection (EF003961)  
Spring clamp connection  
Output, current (EF003212)  
No  
Radio standard UMTS (EF008525)  
No  
Input, voltage (EF003205)  
Yes  
Input, thermocouple (EF003208)  
No  
Supporting protocol for EtherCAT (EF017564)  
Yes  
Analogue inputs configurable (EF008518)  
No  
Appendant operation agent (Ex ib) (EF004142)  
No  
Input, current (EF003204)  
No  
Supporting protocol for other bus systems (EF003062)  
Yes  
Analogue outputs configurable (EF008519)  
No...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-AD4604 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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