

## INDUSTRIAL COMPONENT DATA

# NX-AD4204 NX029090H NXAD4204,1 OMRON 8 Analog Inputs, 4 to 20 mA differential, resolution 1:8000, 250 µs/ch,...

Brand: OMRON | Manufacturer Part Number: NX-AD4204



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | OMRON                                              |
| MPN / Reference | NX-AD4204                                          |
| Catalog number  | NXAD4204.1                                         |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-0FE38FE9BA                                      |
| Generated       | 2026-08-04                                         |

## Product Overview

8 Analog Inputs, 4 to 20 mA 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 > Integrated Automation > 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 type4 to 20 mAResolution of the analog inputs13 BitInput circuit typeDifferentialNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time2 ms/unitSignal processingFree runningIO-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 686021 PLC's (EC001596)

Feature Name

Feature Value

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)

No

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)

Yes

Supporting protocol for other bus systems (EF003062)

Yes

Analogue outputs configurable (EF008519)

No

Supporting protocol for SERCOS (EF006657)

No....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-AD4204 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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