

## INDUSTRIAL COMPONENT DATA

# NX-AD3603 NX020172G NXAD3603,1 OMRON 4 Analog Inputs, -10 to 10 V single ended, resolution 1:8000, 250 µs/ch..

Brand: OMRON | Manufacturer Part Number: NX-AD3603



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | OMRON                                              |
| MPN / Reference | NX-AD3603                                          |
| Catalog number  | NXAD3603.1                                         |
| Category        | Fieldbus, decentr. periphery - analogue I/O module |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-02EDA08ACD                                      |
| Generated       | 2026-08-03                                         |

## Product Overview

4 Analog Inputs, -10 to 10 V single ended, 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 inputs4Temperature input typeNoneLinear analog input type-10 to 10 VResolution of the analog inputs13 BitInput circuit typeSingle-endedNumber of analog outputs0Linear analog output typeNoneResolution of the analog outputs0 BitConversion time1 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 Weight (unpacked)70 g  
ETIM for 708622 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  
Supporting protocol for SERCOS (EF006657)  
No  
IO link master (EF007298)  
No  
Rack-assembly poss...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-AD3603 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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