

**INDUSTRIAL COMPONENT DATA**

# NX-V680C2 V68C1023C NXV680C2 OMRON NX series RFID communication unit, 2 antenna ports

Brand: OMRON | Manufacturer Part Number: NX-V680C2



|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Manufacturer    | OMRON                                                      |
| MPN / Reference | NX-V680C2                                                  |
| Catalog number  | NXV680C2                                                   |
| Category        | Fieldbus, decentr. periphery - function-/technology module |
| Minimum order   | 1 Pcs                                                      |
| Document ID     | EO-A2296BEDAE                                              |
| Generated       | 2026-08-04                                                 |

## Product Overview

NX series RFID communication unit, 2 antenna ports

**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 moduleRFIDSignal processingFree runningIO-Link masterSuitable for safety functionsSIL according to IEC 61508NoneNumber of communication ports2Degree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)30 mmProduct Depth (unpacked)71 mmProduct Weight (unpacked)130 g  
ETIM for 685616 PLC's (EC001601)  
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  
Function block access control (EF007213)  
No  
Radio standard UMTS (EF008525)  
No  
Suitable for counting (EF003248)  
No  
Function block affirm push button (EF007214)  
No  
Suitable for weighing (EF003249)  
No  
Appendant operation agent (Ex ib) (EF004142)  
No  
Suitable for SSI (EF003254)  
Yes  
Supporting protocol for other bus systems (EF003062)  
Yes  
Suitable for CNC (EF003256)  
No  
Supporting protocol for SERCOS (EF006657)  
No  
IO link master (EF007298)  
No  
Suitable for detection absolute value (EF003259)  
No  
Rack-assembly possible (EF007018)  
No  
Supporting protocol for KNX (EF003055)  
No  
Supporting protocol for LON (EF003017)  
No  
Suitable for path controller (EF003262)  
No  
Supporting protocol for SUCONET (EF003060)  
No  
Supporting protocol for EtherNet/IP (EF007521)  
Yes  
Radio standard GSM (EF00852...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-V680C2 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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