

INDUSTRIAL COMPONENT DATA

NJ101-9020 NX010046G NJ1019020 OMRON NJ101 Machine Controller + SQL Client 0-Axis

Brand: OMRON | Manufacturer Part Number: NJ101-9020



Manufacturer	OMRON
MPN / Reference	NJ101-9020
Catalog number	NJ1019020
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

NJ101 Machine Controller + SQL Client 0-Axis

Sysmac NJ1 CPU with Database Connectivity, 3MB memory, built-in EtherCAT (0 servo axes, in total 64 EtherCAT nodes) and EtherNet/IP

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 Controllers NJ5

Additional Product Information

Controller functionalityDB connection, Sequence controlMax. number of synchronous axes0Max. number of axes (incl. virtual)0Primary task cycle time1 msProgram memory3 MBVariables memory0.5 MBCommunication port(s)EtherCAT Master, EtherNet/IP, USBCommunication option(s)CAN, CompoNet Master, DeviceNet Master, DeviceNet Slave, EtherCAT Slave, MODBUS Master, MODBUS Slave, PROFIBUS DP Master, PROFIBUS DP Slave, PROFINET Master, Serial RS-232C, Serial RS-422, Serial RS-485Max. number of remote I/O nodes64I/O systemCJ I/O BusMax. number of expansion units40Product Height (unpacked)97.5 mmProduct Width (unpacked)90 mmProduct Depth (unpacked)90 mmProduct Weight (unpacked)550 g
ETIM for 668371 PLC's (EC000236)
Feature Name
Feature Value
Model (EF000010)
Modular
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 memory (EF002996)

FLASH

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for IEC 60870 (EF016069)

No

Supporting protocol for EtherNet/IP (EF0075...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NJ101-9020 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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