

INDUSTRIAL COMPONENT DATA

NX-ECS112 NX020065H NXECS112 OMRON Unit NX 1 Input Encoder Serial SSI

Brand: OMRON | Manufacturer Part Number: NX-ECS112



Manufacturer	OMRON
MPN / Reference	NX-ECS112
Catalog number	NXECS112
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
Document ID	EO-848E297270
Generated	2026-07-31

Product Overview

Unit NX - 1 Input Encoder Serial SSI

1 x SSI encoder Input, EIA standard RS-422-A, 32 bits max data length, 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 moduleEncoder inputDigital input typeSSl encoderDigital output typeNoneSignal processingFree running, SynchronousNumber of encoder input channels1Max. encoder input frequency2000 kHzNumber of pulse output channels0Max. pulse output frequency0 kHzIO-Link masterI/O connection typePush-inNumber of I/O connectors1Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneNumber of IOV (V+) terminals2Number of IOG (V-) terminals2Degree of protection (IP)IP20Product Height (unpacked)104.5 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80.1 mmProduct Weight (unpacked)65 g
ETIM for 375648 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
Function block affirm push button (EF007214)
No
Suitable for counting (EF003248)
No
Supporting protocol for EtherCAT (EF017564)
Yes
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-ECS112 with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.