

INDUSTRIAL COMPONENT DATA

NX-EC0142 NX020064M NXEC0142 OMRON Unit NX 1 Input Encoder Line Driver PNP Incremental

Brand: OMRON | Manufacturer Part Number: NX-EC0142



Manufacturer	OMRON
MPN / Reference	NX-EC0142
Catalog number	NXEC0142
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
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Product Overview

Unit NX - 1 Input Encoder Line Driver PNP Incremental

1 x Incremental Encoder Line driver Input, phases A and B: single-phase 4 MHz (phase difference pulse Input x4: 1 MHz), Phase Z: 1 MHz, PNP, screwless

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 typeIncremental encoder, Line driver (RS-422), PNPDigital output typeNoneSignal processingFree running, Synchronous, Task period prioritizedNumber of encoder input channels1Max. encoder input frequency4000 kHzNumber of pulse output channels0Max. pulse output frequency0 kHzIO-Link masterI/O connection typePush-inNumber of I/O connectors2Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneNumber of IOV (V+) terminals3Number of IOG (V-) terminals3Degree of protection (IP)IP20Product Height (unpacked)100 mmProduct Width (unpacked)24 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)147 g
ETIM for 375647 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)

Yes

Function block affirm push button (EF007214)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Suitable for weighing (EF003249)

No

Appendant operation agent (Ex ib) (EF004142)

No

Suitable for SSI (EF003254)

No

Supporting protocol for other bus systems (EF003062)

Yes

Suitable for CNC (EF003256)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-EC0142 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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