

INDUSTRIAL COMPONENT DATA

E6B2-CWZ6C 500P/R 0,5M E6B27012D E6B2CWZ6C500PR05MOMS OMRON Incremental ABZ 500ppr NPN 5-24vdc Cable 0.5 m

Brand: OMRON | Manufacturer Part Number: E6B2-CWZ6C 500P/R 0,5M



Manufacturer	OMRON
MPN / Reference	E6B2-CWZ6C 500P/R 0,5M
Catalog number	E6B2CWZ6C500PR05MOMS
Category	Rotary encoder
Minimum order	1 Pcs
Document ID	EO-A10DB3D91D
Generated	2026-07-31

Product Overview

Incremental ABZ 500ppr NPN 5-24vdc Cable 0.5 m
Encoder, incremental, 500 ppr, 5 to 24 VDC, NPN output, 0.5 m cable

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Encoders > E6B2

Additional Product Information

FeaturesCompact size rotary encoder
The E6B family of incremental rotary encoders features a housing size dia 40mm.
Line driver output models available
Ordering information
Size dia. in mm
Power supply voltage
Output form
Resolution (pulse/rotation)
Order code
40
5 to 24 VDC
NPN open collector output

10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600, 720, 800, 1,000, 1,024, 1,200, 1,500 1,800, 2,000

E6B2-CWZ6C

12 to 24VDC

PNP open collector output

100, 200, 360, 500, 600, 1,000, 2,000

E6B2-CWZ5B

5 to 12 VDC

NPN voltage output

10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600, 1,000, 1,200, 1,500 1,800, 2,000

E6B2-CWZ3E

5 VDC

Line driver output

10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600, 1,000, 1,024, 1,200, 1,500 1,800, 2,000

E6B2-CWZ1X

ETIM for 235999 Sensors (EC001486)

Feature Name

Feature Value

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP50

Standard for interfaces (EF004017)

Other

Model (EF000010)

Incremental encoder

Type of transmission medium (EF007513)

Other

Housing material (EF001596)

Aluminium

Explosion safety category for gas (EF003997)

None

Type of shaft encoder (EF006968)

Full shaft

Explosion safety category for dust (EF003998)

None

Physical measurement principle (EF008238)

Optic

Signal outputs of rotary encoder (EF003590)

A+B+0

Type of electric connection (EF003961)

Cable

Programmable (EF000841)

No

Max. pulses per revolution (EF003589)

500

Construction size (EF012282)

40 mm

Diameter axle (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E6B2-CWZ6C 500P/R 0,5M 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.