

INDUSTRIAL COMPONENT DATA

**E6A2-CWZ3C 500P/R 0,5M E6A21080B E6A2CWZ3C500PR05M
OMRON Incremental ABZ 500ppr PNP 24vdc, M12 plug 0,5 m**

Brand: OMRON | Manufacturer Part Number: E6A2-CWZ3C 500P/R 0,5M



Manufacturer	OMRON
MPN / Reference	E6A2-CWZ3C 500P/R 0,5M
Catalog number	E6A2CWZ3C500PR05M
Category	Rotary encoder
Minimum order	1 Pcs
Document ID	EO-59142815A9
Generated	2026-07-31

Product Overview

Incremental ABZ 500ppr PNP 24vdc, M12 plug 0,5 m

Encoder, incremental, 500ppr, 5-12 VDC, NPN open collector, 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 > E6A2

Additional Product Information

FeaturesMiniature size rotary encoder

The E6A family of rotary encoders features a small sized dia 25mm housing.

Small sized dia 25mm housing

Ordering information

Size dia. in mm

Output phase

Power supply voltage

Output form

Resolution (pulse/rotation)

Order code

25

A

5 to 12 VDC

NPN voltage output

10, 20, 60, 100, 200, 300, 360, 500

E6A2-CS3E

NPN open collector

10, 20, 60, 100, 200, 300, 360, 500

E6A2-CS3C

12 to 24VDC

E6A2-CS5C

A, B

5 to 12 VDC

NPN voltage output

100, 200, 360, 500

E6A2-CW3E

NPN open collector

100, 200, 360, 500

E6A2-CW3C

12 to 24VDC

E6A2-CW5C

A, B, Z

5 to 12 VDC

NPN voltage output

100, 200, 360, 500

E6A2-CWZ3E

NPN open collector

100, 200, 360, 500

E6A2-CWZ3C

12 to 24VDC

E6A2-CWZ5C

ETIM for 128413 Sensors (EC001486)

Feature Name

Feature Value

Explosion safety category for dust (EF003998)

None

Degree of protection (NEMA) (EF011959)

Other

Physical measurement principle (EF008238)

Optic

Degree of protection (IP) (EF005474)

IP50

Standard for interfaces (EF004017)

Other

Model (EF000010)

Incremental encoder

Signal outputs of rotary encoder (EF003590)

A+B+0

Type of transmission medium (EF007513)

Other

Type of electric connection (EF003961)

Cable
Housing material (EF001596)
Aluminium
Explosion safety category for gas (EF003997)
None
Type of shaft encoder (EF006968)
Full shaft
Programmable (EF000841)
No
Max. pulses per revolution (EF003589)
500
Construction size (EF012282)
25 mm
Diameter axle (EF007110)
3.988 mm
Number of steps per revolution (EF006938)
500
Number o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E6A2-CWZ3C 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.