

## INDUSTRIAL COMPONENT DATA

# E6C3-AG5C-C 720P/R 2M E6C31065M E6C3AG5CC720PR2M OMRON AII 720cpr Gray NPN 12-24 Vdc Cable, 2m

Brand: OMRON | Manufacturer Part Number: E6C3-AG5C-C 720P/R 2M



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | OMRON                 |
| MPN / Reference | E6C3-AG5C-C 720P/R 2M |
| Catalog number  | E6C3AG5CC720PR2M      |
| Category        | Rotary encoder        |
| Minimum order   | 1 Pcs                 |
| Document ID     | EO-CD55584E6A         |
| Generated       | 2026-08-01            |

## Product Overview

All 720cpr Gray NPN 12-24 Vdc Cable, 2m

Encoder, absolute, 720ppr, 9-bit, 12-24 VDC, NPN open collector, gray code output, 2m 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 &gt; Encoders &gt; E6C3-A

## Additional Product Information

## Specifications

Model Absolute encoder

Construction size 50 mm

Resolution per rotation 720

Output code Gray

Shaft diameter 8 mm

Power supply voltage 12-24 V

Output type NPN

Connection method System connector

Cable length 2 m

## Accessories

E69-C08B Accessory encoder, shaft coupling for E6C3-A encoder

E69-C68B Accessory encoder, shaft coupling dia. 6mm and 8mm

E69-DF10 Extension cable for E6C2-A/E6C3-A/E6CP/E6F encoders, 10 m

E69-DF5 Extension cable for E6C2-A/E6C3-A/E6CP/E6F encoders, 5m

ETIM for 168881 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)

IP65

Standard for interfaces (EF004017)

Other

Model (EF000010)

Absolute encoder

Signal outputs of rotary encoder (EF003590)

A+B

Type of transmission medium (EF007513)

Other

Type of electric connection (EF003961)

Cable with connector

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)

720

Construction size (EF012282)

50 mm

Diameter axle (EF007110)

7.982 mm

Impulse rate per cycle (EF007289)

20000

Number of steps per revolution (EF006938)

720

Number of revolutions (EF006943)

5000

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E6C3-AG5C-C 720P/R 2M with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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