

**INDUSTRIAL COMPONENT DATA**

# E6C3-AG5C 1024P/R 2M E6C31004R E6C3AG5C1024PR2M

## OMRON AII 1024 Gray NPN 12-24 Vdc Connector 2m

Brand: OMRON | Manufacturer Part Number: E6C3-AG5C 1024P/R 2M



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | OMRON                |
| MPN / Reference | E6C3-AG5C 1024P/R 2M |
| Catalog number  | E6C3AG5C1024PR2M     |
| Category        | Rotary encoder       |
| Minimum order   | 1 Pcs                |
| Document ID     | EO-79636903E0        |
| Generated       | 2026-07-29           |

### Product Overview

All 1024 Gray NPN 12-24 Vdc Connector 2m

Encoder, absolute, 1024ppr, 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 1024

Output code Gray

Shaft diameter 8 mm

Power supply voltage 12-24 V

Output type NPN

Connection method Cable

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

ETIM for 128227 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  
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)  
1024  
Construction size (EF012282)  
50 mm  
Diameter axle (EF007110)  
7.982 mm  
Impulse rate per cycle (EF007289)  
20000  
Number of steps per revolution (EF006938)  
1024  
Number of revolutions (EF006943)  
5000

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E6C3-AG5C 1024P/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

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.