

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 > Encoders > 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 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.