

## INDUSTRIAL COMPONENT DATA

# E3NX-CA21 2M E3NX0003F E3NXCA212M OMRON Amplifier Detection Marks Advanced Color white LED NPN Smart Tuning,..

Brand: OMRON | Manufacturer Part Number: E3NX-CA21 2M



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | OMRON           |
| MPN / Reference | E3NX-CA21 2M    |
| Catalog number  | E3NXCA212M      |
| Category        | Contrast sensor |
| Minimum order   | 1 Pcs           |
| Document ID     | EO-EDF1B6F5A1   |
| Generated       | 2026-08-03      |

## Product Overview

Amplifier Detection Marks Advanced Color white LED NPN Smart Tuning, cable 2m

Fiber amplifier, advanced model, color mark detection white LED, NPN output, smart tuning, 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 > Advanced sensors > N-Smart

## Additional Product Information

ShapeCuboid, rail mountingSensing methodAmplifierSetting methodTeach-InConnection methodCableCable length2 mOutput typeNPNOperation modeDark-ON, Light-ONResponse time0.05 msMaterial housingPolycarbonateType of lightWhite lightPower supply voltage10-30 VFunctionsTimerFeaturesBank function, External input, Twin outputsProduct Height (unpacked)33.5 mmProduct Width (unpacked)10 mmProduct Length (unpacked)71.8 mmApplicationColor mark detectionNumber of numerical displays2Number of channels1Degree of protection (IP)IP50Number of digital outputs2Number of digital inputs1  
ETIM for 671057 Sensors (EC001820)  
Feature Name  
Feature Value  
Voltage type (EF000187)  
DC  
Construction type housing (EF004008)

Cuboid  
Laser protection class (EF004027)  
Other  
Degree of protection (NEMA) (EF011959)  
Other  
Degree of protection (IP) (EF005474)  
Other  
Setting procedure (EF003994)  
Teach-In  
Material of optical surface (EF004134)  
Other  
Type of switch function (EF003963)  
Programmable/configurable  
Type of electric connection (EF003961)  
Cable  
Material fibre optics core (EF004137)  
Plastic  
Housing material (EF001596)  
Plastic  
Type of light (EF004029)  
White light  
Material of cable sheath (EF004136)  
Polyvinyl chloride (PVC)  
Type of switching output (EF003962)  
NPN  
Operation agent-safety class (EF003982)  
Safety class 0  
Analogue output -10 V ... +10 V (EF006809)  
No  
With fibre optics connection (EF004050)  
Yes  
Analogue output 0 V ... 10 V (EF006807)  
No  
Analogue output 0 mA ... 20 mA (EF006808)  
No  
With exchange lens (EF004...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3NX-CA21 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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