

INDUSTRIAL COMPONENT DATA

E3NX-FAH41 2M E3NX7040R E3NXFAH412MOMS OMRON

Amplifier fiber, infrared LED, digital display, double, fit, sm..

Brand: OMRON | Manufacturer Part Number: E3NX-FAH41 2M



Manufacturer	OMRON
MPN / Reference	E3NX-FAH41 2M
Catalog number	E3NXFAH412MOMS
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
Document ID	EO-D5636A2931
Generated	2026-08-04

Product Overview

Amplifier fiber, infrared LED, digital display, double, fit, smart, NPP, single output, 2 m cable

Fiber amplifier, infrared LED, twin digital display, smart tuning, PNP, single output, 2 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 > Advanced sensors > N-Smart

Additional Product Information

ShapeCuboid, rail mountingSensing methodAmplifierSetting methodTeach-InConnection methodCableCable length2 mOutput typePNPOperation modeDark-ON, Light-ONResponse time0.03 msMaterial housingPolycarbonateProduct Width (unpacked)10 mmProduct Height (unpacked)33.5 mmProduct Length (unpacked)71.8 mmType of lightInfrared lightPower supply voltage10-30 VFunctionsTimerFeaturesBank functionApplicationObject detectionNumber of numerical displays2Number of channels1Degree of protection (IP)IP50Number of digital outputs1Number of digital inputs0Number of analog outputs0

ETIM for 681542 Sensors (EC002651)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Construction type housing (EF004008)

Cuboid

Laser protection class (EF004027)

Other
Degree of protection (IP) (EF005474)
IP50
Setting procedure (EF003994)
Other
Indication (EF000350)
Digital
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)
Infrared light
Material of cable sheath (EF004136)
Polyvinyl chloride (PVC)
Type of switching output (EF003962)
PNP
Operation agent-safety class (EF003982)
Safety class 3
Analogue output -10 V ... +10 V (EF006809)
No
Analogue output 0 V ... 10 V (EF006807)
No
Analogue output 0 mA ... 20 mA (EF006808)
No
With blanking function (EF003968)
No
Analogue output 4 mA ... 20 mA (EF006810)
No
With time function (EF003582)
Yes
AWG-number (EF007010...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3NX-FAH41 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.