

INDUSTRIAL COMPONENT DATA

E3X-MDA41 2M 323855 OMRON Dual display dc 3 PNP Teach 2 fibers

Brand: OMRON | Manufacturer Part Number: E3X-MDA41 2M



Manufacturer	OMRON
MPN / Reference	E3X-MDA41 2M
Catalog number	323855
Category	Optical fibre sensor / optical fibre amplifier
Minimum order	1 Pcs
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Product Overview

Dual display dc 3 PNP Teach 2 fibers

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Photoelectric sensors > E3X
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Additional Product Information

Features2-in-1 digital fiber amplifier

E3X-MDA incorporates 2 digital fiber amplifiers in one slimline housing. For applications requiring the detection of two objects simultaneously the E3X-MDA provides an easy to use operation saving space and set-up time.

Two digital amplifiers in one slimline housing

Twin output models - on/off or area (between two threshold values)

Signal comparison functions (AND, OR, etc.)

Logic operations without PLC

The AND and OR functionality for the two fiber channels allows simple signal processing without the need for a PLC. This allows the addition of sensor checks to machines without reprogramming the PLC.

Space & cost reduction

The 2 in 1 amplifier replaces two standard amplifiers reducing space requirements and hardware cost.

Ordering information

Item

Functions

Order code

NPN output
PNP output
Pre-wired
AND/OR output
E3X-MDA11
E3X-MDA41
Fiber amplifier connector1
AND/OR output
E3X-MDA6
E3X-MDA8
Fiber amplifier connectors
Shape
Type
Comment
Order code
Fiber amplifier
connector
2 m PVC cable
E3X-CN21
30 cm PVC cable with M12 plug connector (4 pin)
E3X-CN21-M1J 0.3M
30 cm PVC cable with M8 plug connector (4 pin)
E3X-CN21-M3J-2 0.3M
Specifications
Item
E3X-MDA
Light source (wave length)
Red LED (650 nm)
Power supply voltage
12 to 24 VDC±10%, ripple (p-p) 10% max.
Protective circuits
Power supply reverse polarity protection, output short-circuit protection, mutual interference prevention
Response time
Super-high-speed mode
130 µs for operation an...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / E3X-MDA41 2M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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