

## INDUSTRIAL COMPONENT DATA

# ZX-TDA41 2M ZX 2009H ZXTDA412M OMRON Amplifier PNP 3 digital outputs+1analógica

Brand: OMRON | Manufacturer Part Number: ZX-TDA41 2M



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | OMRON                                         |
| MPN / Reference | ZX-TDA41 2M                                   |
| Catalog number  | ZXTDA412M                                     |
| Category        | Accessories/spare parts for sensor technology |
| Minimum order   | 1 Pcs                                         |
| Document ID     | EO-EA0DBE0EF4                                 |
| Generated       | 2026-08-02                                    |

## Product Overview

Amplifier PNP 3 digital outputs+1analógica

Contact smart sensor amplifier and display, selectable voltage/current output, high/pass/low transistor, PNP output model

## 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 > ZX |
|--------------|-------------------------------|

## Additional Product Information

Modular platform concept for different sensing technologies

Air-retracting types for automated inspection

Multipoint measurement with up to 8 sensors

Pressing force alarm prevents malfunction

Strong ball bearing structure assures long life time

Specifications & ordering info

Ordering information

Sensors

Sensor heads

Size

Type

Sensing distance

Resolution (See note.)

Order code

6 dia.

Short type

1 mm

0.1  $\mu\text{m}$

ZX-TDS01T

Standard type

4 mm

ZX-TDS04T

Low-load type

ZX-TDS04T-L

8 dia.

Standard type

10 mm

0.4  $\mu\text{m}$

ZX-TDS10T

Ultra-low-load type

ZX-TDS10T-L

Air lift type

ZX-TDS10T-V

Air lift/air push type

ZX-TDS10T-VL

Note: The resolution refers to the minimum value that can be read when a ZX-TDA\_1 amplifier unit is connected.

Amplifier units

Power supply

Output type

Order code

DC

NPN

ZX-TDA11

PNP

ZX-TDA41

Accessories (order separately)

Calculating unit

Order code

Calculating unit

ZX-CAL2

ZX-series communications interface unit

Name

Order code

ZX-series communications interface unit

ZX-SF11

SmartMonitor sensor setup tool for Personal Computer connection

Name

Order code

ZX-series communications interface unit

ZX-SF11

ZX-series communications interface unit

+ setup software (CD-ROM)

ZX-SFW11EV31,2

ZX-series sensor setup and logging software (CD-ROM)

ZX-SW11EV31

Cables with connectors on both ends (for extension)\*

Cable length

Order code

1 m

ZX-XC1A

4 m

ZX-XC4A

8 m

ZX-XC8A

\*Robot cable models are also available. The model numbers are ZX-XC\_R.

Preamplifier mounting brackets

Remarks

Order code...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-TDA41 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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