

INDUSTRIAL COMPONENT DATA

ZX-TDS01T ZX 2005E ZXTDS01T OMRON Touch Sensor Short-0.1 microm to 1mm

Brand: OMRON | Manufacturer Part Number: ZX-TDS01T



Manufacturer	OMRON
MPN / Reference	ZX-TDS01T
Catalog number	ZXTDS01T
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
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Product Overview

Touch Sensor Short-0.1 microm to 1mm

Short contact sensor 0.1 microns 1mm

Sensor head, short type Ø 6mm, distance 1mm (for use with ZX-TDA)

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 μ m

ZX-TDS01T

Standard type

4 mm

ZX-TDS04T

Low-load type

ZX-TDS04T-L

8 dia.

Standard type

10 mm

0.4 μ 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-TDS01T with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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