

INDUSTRIAL COMPONENT DATA

D5SN-TA D5SN0016G 168493 OMRON Displacement sensor head adapter contact

Brand: OMRON | Manufacturer Part Number: D5SN-TA



Manufacturer	OMRON
MPN / Reference	D5SN-TA
Catalog number	D5SNTA
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-004FC2E073
Generated	2026-07-31

Product Overview

Adapter head sensor movements. contact

Scroll sensor head adapter. Contact

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 > Other Sensors
--------------	--

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 μm

ZX-TDS01T

Standard type

4 mm

ZX-TDS04T

Low-load type

ZX-TDS04T-L

8 dia.

Standard type

10 mm

0.4 μm

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 / D5SN-TA 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.