

INDUSTRIAL COMPONENT DATA

ZX-XBT1 ZX 8014G ZXXBT1 OMRON Mounting bracket of the preamplifier ZX-T

Brand: OMRON | Manufacturer Part Number: ZX-XBT1



Manufacturer	OMRON
MPN / Reference	ZX-XBT1
Catalog number	ZXXBT1
Category	Accessories/spare parts for sensor technology
Minimum order	1 Pcs
Document ID	EO-F3AF412338
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Product Overview

Mounting bracket of the preamplifier ZX-T
ZX-T preamp mounting bracket

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

Spot diameter sizes range from 190 µm down to 4 µm, improving the ability scan minute profiles

Small spot diameter down to 9µm improving the ability to measure minute profiles

Constant spot diameter throughout total measuring range

Slim form factor pen and 900 elbow types - fits anywhere

Response time as fast as 20µs - Enables high-speed sampling during motion

High Resolution of 0.25µm allows hairline pattern measurements or irregular surfaces

Linearity down to ±0.3µm regardless of material type, as a result no tuning is required

Superb angle compensation of ±250 makes the measurement of round or inclined surfaces possible

Machine control integration made easy with available DLL files

Specifications & ordering info

Ordering information

ZW-8000

SensorHead

Appearance Type Measuring range Spot diameter Static resolution2Values when the SensorController ZW-8000T is used.

Cable length Order code

Square-shaped straight 10 ± 0.5 mm 4 μ m dia. 0.25 μ m 2 m ZW-S8010 2M

0.3 m ZW-S8010 0.3M

20 ± 1 mm 7 μ m dia. 2 m ZW-S8020 2M

0.3 m ZW-S8020 0.3M

30 ± 2 mm 10 μ m dia. 2 m ZW-S8030 2M

0.3 m ZW-S8030 0.3M

Pen-shaped straight 7 ± 0.3 mm 7 μ m dia. 2 m ZW-SP8007 2M

0.3 m ZW-SP8007 0.3M

10 ± 0.7 mm 10 μ m dia. 2 m ZW-SP8010 2M

0.3 m ZW-SP8010 0.3M

Pen-shaped right angle 7 ± 0.3 mm 8 μ m dia. 2 m ZW-SPR8007 2M

0.3 m ZW-SPR8007 0.3M

10 ± 0.7 mm 11 μ m dia. 2 m ZW-SPR8010 2M

0.3 m ZW-SPR8010 0.3M

Sensor Controller with EtherCAT

Appearance Power supply Output type Order code

24 VDC NPN/PNP ZW-8000T

Cable

Appearance I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-XBT1 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

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