

INDUSTRIAL COMPONENT DATA

ZG2-WDS8T 2M ZG2 1017M ZG2WDS8T2M OMRON ZG2 laser head Sensor 50±3mm.Res:1µm

Brand: OMRON | Manufacturer Part Number: ZG2-WDS8T 2M



Manufacturer	OMRON
MPN / Reference	ZG2-WDS8T 2M
Catalog number	ZG2WDS8T2M
Category	Optical distance sensor
Minimum order	1 Pcs
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Product Overview

ZG2 laser head Sensor 50±3mm.Res:1µm
ZG2 Laser Head Sensor 50±3mm. Res:10m

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 > ZG
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Additional Product Information

Easy-to-use - intuitive user interface
Live - built-in LCD monitor for setup and immediate profile display
Versatile - 18 measurement tools
Accurate - 5 µm resolution (3 mm / 631 pixels)
Wide profiles - up to 70 mm
Specifications & ordering info
Ordering information
Sensor heads
Optical method
Sensing distance
Resolution
Order code
Height direction
Width direction

Height direction

Width direction

Diffuse reflective

210±48 mm

70 mm

6 µm

111 µm

ZG2-WDS70

Diffuse reflective

100±12 mm

22 mm

2.5 µm

35 µm

ZG2-WDS22

Diffuse reflective

50±3 mm

8 mm

1 µm

13 µm

ZG2-WDS8T

Regular reflective

22.3±0.5 mm

3 mm

0.25 µm

5 µm

ZG2-WDS3VT

Note: - For details, refer the ratings and specifications table.

- Designate the cable length (0.5 m, 2 m) when ordering.

Sensor controllers

Power supply

Output type

Order code

24 VDC

NPN

ZG2-WDC11A1

PNP

ZG2-WDC41A

Accessories (order separately)

Real-time parallel output unit

Output type

Order code

NPN

ZG-RPD11

PNP

ZG-RPD41

RS-232C cable

Connecting device

Order code

For personal computer connection (2 m)

ZS-XRS2

For PLC/PT connection (2 m)

ZS-XPT2

Sensor head extension cable

Name

Order code

3 m extension cable

ZG2-XC3CR

8 m extension cable

ZG2-XC8CR

15 m extension cable

ZG2-XC15CR

25 m extension cable

ZG2-XC25CR

Digital equalizer (relay device)

ZG2-XEQ

0.2 m digital equalizer connection cable

ZG2-XC02D

Parallel mounting adaptor

Order code

For 1 unit

ZS-XPM1

For 2 units or more

ZS-XPM2

Controller link unit

Item

Order code

Controller link unit

ZS-XCN

Memory car...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZG2-WDS8T 2M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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