

## INDUSTRIAL COMPONENT DATA

# ZX-GT28S41 ZX 5004C ZXGT28S41 OMRON Sensor in barrier 500mm 10μ Width max. 28mm PNP

Brand: OMRON | Manufacturer Part Number: ZX-GT28S41



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | OMRON                             |
| MPN / Reference | ZX-GT28S41                        |
| Catalog number  | ZXGT28S41                         |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-5ACFE560CA                     |
| Generated       | 2026-08-03                        |

## Product Overview

Sensor in barrier 500mm 10μ Width max. 28mm PNP

Sensor head separate type, measuring width 28mm, distance 500mm, PNP (for use with ZX-GTC)

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path OMRON &gt; Advanced sensors &gt; ZX

## Additional Product Information

High accuracy: 5 - 10μm

All surfaces

Long sensing distance: &lt; 500 mm

Line width up to 28mm

Calculation unit for multiple heads

Specifications &amp; ordering info

Ordering information

Sensors

Type

Optical system

Measuring width

Sensing distance

Resolution

Output type

Order code  
Separate type  
Through-beam  
28 mm  
0 to 500 mm  
10 µm  
NPN  
ZX-GT28S11  
PNP  
ZX-GT28S41  
Integrated type  
40 mm  
NPN  
ZX-GT2840S11  
PNP  
ZX-GT2840S41  
Controller  
Power supply  
Output type  
Order code  
DC  
NPN  
ZX-GTC11  
PNP  
ZX-GTC41  
Accessories (order separately)  
Set of interface unit and setup software PCs  
Output type  
Order code  
NPN  
ZX-GIF11A  
PNP  
ZX-GIF41A  
Interface unit(RS-232C/binary output)  
Power supply  
Output type  
Order code  
DC  
NPN  
ZX-GIF11  
PNP  
ZX-GIF41  
Setup software PCs  
Name  
Order code  
Smart monitor GT  
ZX-GSW11

Calculating units

Order code

Calculating unit

ZX-CAL2

Receiver-controller extension cable

Cable length

Quantity

Order code

Standard cable

Flexible cable

1 m

1 m

ZX-XGC1A

ZX-XGC1R

2 m

ZX-XGC2A

ZX-XGC2R

5 m

ZX-XGC5A

ZX-XGC5R

8 m

ZX-XGC8A

ZX-XGC8R

20 m

ZX-XGC20A

ZX-XGC20R

Up to two extension cables can be connected. However, be sure to limit the total extension cable length between the receiver and the controller to 30 meters (including the receiver cable).

Specifications

Sensor

Item

ZX-GT28S11

ZX-GT2840S11

ZX-GT28S41

ZX-GT2840S41

Output type

NPN

PNP

Appearance

Separate type

Integrated type

Separate type

Integrated type

Light source

Visible semiconductor laser diode (wavelength 650 nm, CLASS 1 of EN60825-1/IEC60825...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / ZX-GT28S41 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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