

INDUSTRIAL COMPONENT DATA

ZX-GT2840S11 ZX 5005A ZXGT2840S11 OMRON Sensor in barrier 40mm 10μ Width max. 28mm NPN

Brand: OMRON | Manufacturer Part Number: ZX-GT2840S11



Manufacturer	OMRON
MPN / Reference	ZX-GT2840S11
Catalog number	ZXGT2840S11
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-FDC67C7A66
Generated	2026-08-03

Product Overview

Sensor in barrier 40mm 10μ Width max. 28mm NPN

Barrier sensor 40mm 10om Width max. 28mm NPN

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

High accuracy: 5 - 10μm

All surfaces

Long sensing distance: < 500 mm

Line width up to 28mm

Calculation unit for multiple heads

Specifications & 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-GT2840S11 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.