



# Welcome to the AA Electric Webstore User Guide

Everything you need to know about using our webstore, requesting a quote or placing an order





Manufacturers

### Categories

- Electrical components (162013) +
- Automation components (192187) +
- Cabling systems (27672) +
- HVAC (19) +
- Mechanical components (581) +
- Tubing systems (24) +
- Lighting systems (2194) +
- Enclosure systems (7050) +
- Power tools (15) +
- Hand tools (96) +
- Fasteners (22) +

omron sensor
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ES1B 115-165C	Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +115°C..+165°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire res...	Temperature sensor:	\$440
ES1B 10-70C	Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +10°C..+70°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire res...	Temperature sensor:	\$440
ES1B 140-260C	Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +140°C..+260°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire res...	Temperature sensor:	\$440
ES1B 60-120C	Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +60°C..+120°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire res...	Temperature sensor:	\$440
ES2-CAISAY D-1.6 2M	Thermocouple temperature probe / sensor with K element type (CA) JIS class 2 (0.75) - non-gnd. type - OMRON (ES2 series - ES2-CA[JAY]) - 2m exposed lead wires (Y-type crimp fork lug for MS.5) - temperature range 0°C..+600°C - 16mm protective sheathing...	Temperature sensor:	\$185.71

to provide the our customers



# SEARCHING FOR A PRODUCT

Type in the search bar for the item you are looking for and select from the drop down menu

-OR-

Click the search button to visualize all SKUs that match your search



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- Electrical components (162013) +
- Automation components (192187) +
- Cabling systems (27672) +
- HVAC (19) +
- Mechanical components (581) +
- Tubing systems (24) +
- Lighting systems (2194) +
- Enclosure systems (7050) +
- Power tools (15) +
- Hand tools (96) +
- Fasteners (22) +
- Measurement equipment (6) +
- Labeling systems (1387) +

Q Main function

Q Product series / Sub-range

Q Technical characteristics

**OMRON**  
**ES1B 115-165C**

Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +115°C..+165°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire res...

Automation components &gt; Sensors &gt; Temperature sensors

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**\$440**

Add to Cart

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**OMRON**  
**ES1B 10-70C**

Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +10°C..+70°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire resis...

Automation components &gt; Sensors &gt; Temperature sensors

Contact for availability

**\$440**

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**OMRON**  
**ES1B 140-260C**

Infrared (IR) non-contact temperature thermosensor - OMRON (ES1B series) - temperature range +140°C..+260°C - Supply voltage 12Vdc-24Vdc - M18 threaded barrel housing - IP65 - 3m compensating conductor length - PVC-covered cable with a shield wire resis...

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**\$440**

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## SEARCHING FOR A PRODUCT

You can view all related products to your search on this page and select your choice to view more information

Additionally, you can use both the category and filter functions (at the top of your screen) to narrow your search and find the correct product that you are searching for



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Home &gt; Automation components &gt; Sensors &gt; Photoelectric sensors &gt; See entire series of this product: E3Z series &gt; E3Z-T81 5M



SKU

E3Z-T81 5M

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OMRON

Net Price

\$150

- 1 +

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E3Z-T81 5M

OMRON - E3Z SERIES

## Description

Photo-electric sensor with emitter and receiver pair + built-in amp. - through-beam - OMRON (E3Z series) - Infrared LED light (870nm) - Sensing range 15mm - 1 x digital output (26.4Vdc / PNP) (Dark-ON/Light-ON) - Pre-wired with 5m cable terminated with bare end flying leads - supply voltage 12Vdc-24Vdc - rectangular sensing head - Thermoplastic P.B.T. polymer housing + Modified Polyarylate Ins. - surface with through-holes mounting - IP67 - rated for -25...+55°C ambient - order code #E3Z-T81 5M OMS

# PRODUCT DETAILS + INFORMATION

All product pages are unique and contain all the information you need- this includes a high-resolution photo, SKU reference, brand, description and list of specifications

If you are a registered AA Electric web store customer, you will also have access to your pricing as well as stock information



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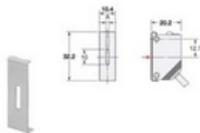
0

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### Related Documents

Name	Last Update	Language
OMRON - E3Z - Datasheet.pdf	02 May 2021	English (US)

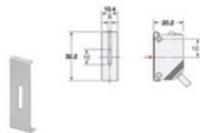
This product is also compatible with:



#### E39-S65D

Slit for through-beam sensing device - OMRON - rectangular shape - 0.5mm x 10mm slit width - SUS301 stainless steel

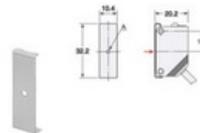
Add to Cart - 0 +



#### E39-S65F

Slit for through-beam sensing device - OMRON - rectangular shape - 2mm x 10mm slit width - SUS301 stainless steel

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#### E39-S65C

Slit for through-beam sensing device - OMRON - rectangular shape - 2mm slit width - SUS301 stainless steel

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## PRODUCT DETAILS + INFORMATION

Additionally, product pages are able to provide you with a full list of specifications, related documentation, such as catalogs and datasheets, as well as any compatible products.



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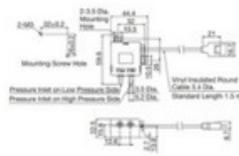
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SKU

Remove ✕

ZN-DPS15-S

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Online Price

**605 USD**

Discount

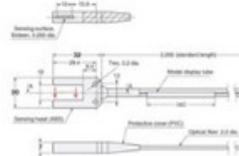
**0.0%**

Net Price

**542.95 USD**

- 1 + Add

Pressure sensor - OMRON (ZN-PD-S series) - pressure sensing range -500...500Pa / -0.725...0.725psi - 10mm length - rated for 0...+50°C ambient



SKU

Remove ✕

E32-G16 5M

Contact for availability

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Online Price

**350 USD**

Discount

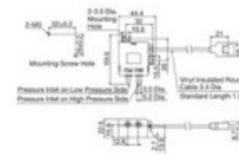
**0.0%**

Net Price

**251.28 USD**

- 1 + Add

Fiber optic sensor head / optical fork sensor with standard fiber - through-beam - side-view sensing - OMRON (E32-G series) - Sensing range 10mm (with E.3.N.X. F.A. amp. / Giga mode) - fork shape - 5m fiber length (R5mm min. bending radius) - ABS housing - Plastic fiber with Polyethylene sheath - IP50 - rated for -40...+70°C ambient



SKU

Remove ✕

ZN-DPS11-S

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OMRON

Online Price

**685 USD**

Discount

**0.0%**

Net Price

**614.74 USD**

- 1 + Add

Pressure sensor - OMRON (ZN-PD-S series) - pressure sensing range -500...500Pa / -0.725...0.725psi - 1.5m length - rated for 0...+50°C ambient

## COMPARING PRODUCTS

With our comparison tool, you can select and compare up to three products at a time. Within the Comparison Page, you can view and compare products based on price, description, and specifications. Simply click "compare products" next to the specific product you are interested in



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E3Z-T81 5M[Contact for availability](#)

OMRON

Net Price

**\$150**

- 1 +

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## Description

Photo-electric sensor with emitter and receiver pair + built-in amp. - through-beam - OMRON (E3Z series) - Infrared LED light (870nm) - Sensing range 15mm - 1 x digital output (26.4Vdc / PNP) (Dark-ON/Light-ON) - Pre-wired with 5m cable terminated with bare end flying leads - supply voltage 12Vdc-24Vdc - rectangular sensing head - Thermoplastic P.B.T. polymer housing + Modified Polyarylate Ins. - surface with through-holes mounting - IP67 - rated for -25...+55°C ambient - order code #E3Z-T81 5M OMS

# ADDING PRODUCTS TO YOUR CART

To add products to your cart, simply select the quantity you would like to purchase and click the "Add to Cart/Quote" button

Items are automatically added to your cart and you can resume searching for additional products



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Home &gt; Your Cart (1)

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**E32-L11FP 2M**

Fiber optic sensor head with standard fiber - limited-reflective - top-view / in-line sensing - for glass detection in wet processes - OMRON (E32-L series) - Sensing range 8mm..20mm (with E3X.DA11TC.S. amp.) - rectangular sensing head - 2m fiber length (R40mm min. bending radius) - Fluororesin housing - Plastic fiber with Fluororesin sheath - IP67 - rated for -10...+60°C ambient  
Contact for availability



Online Price

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Discount

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Net Price

**\$384.10**

- 1 +

Total

**\$384.10**[Remove item](#)

## Summary

Total **\$384.10**

PO Number

Write your shipment information, and/or any other remarks here.

[Place order](#)[Request for Quotation](#)

Payment terms: Cash on sight (default)

Shipping costs, taxes, delivery date and payment terms to be confirmed at order confirmation

Delivery Address

Hamburg 14075 United States of A \*

Billing Address

Hamburg 14075 United States of A \*

## REVIEWING YOUR CART

Within your cart, you can view all chosen products, edit quantities, use the quick add search bar to search and select additional products or remove incorrect products

If you are satisfied with your selections, you can enter any order remarks and click "Place order"

If you are requesting a quote for these items select "Request for Quotation"



Search Products

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Home > Sign Up

## Sign Up

▪ Mandatory Field

First Name*	Last Name*
<input type="text"/>	<input type="text"/>
Email*	Phone
<input type="text"/>	<input type="text"/>
Password*	Password Confirmation*
<input type="text"/>	<input type="text"/>
Company Name*	Job Title
<input type="text"/>	<input type="text"/>

## Delivery Address

Name Of The Building / Office

Street

Postcode / ZIP Code\*

City\*

# NOT A REGISTERED CUSTOMER?

Signing up for the AA Electric web store is simple!

In the top right corner, click "Sign Up" and enter your company information. After you are registered, you will be able to shop in our store.

*Questions? Need additional help? Reach out to us at:  
websales@a-aelectriccom or 1-(800) 237-8274*