

MARKETING UPDATE

New Product Introduction

OMRON
ELECTRONIC COMPONENTS



NO: Pms-011
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Products: EE-SX3162/3163/3164 Photomicrosensors
Type: New Product Introduction

OMRON announces the release of new EE-SX3162/3163/3164 and EE-SX4162/4163/4164 Photomicrosensors. This expansion of Omron's optical sensor lineup features the addition of 5 mm slot width connector type photomicrosensors. Easy screw mounting capabilities allow for the installation of the sensor anywhere inside an application without need for an additional PCB for sensor mounting. Omron offers this series of photomicrosensors with Photo-IC output type (Dark-on & Light-on), 3 types of mounting styles, and 2 power supply voltages (5V and 12V). For some specific applications a zener diode can be added on the output of the photomicrosensor to provide greater noise immunity (EE-SX3162-P1-Z and EE-SX4162-P1-Z only).



These sensors can be used in but are not limited to passage detection, positioning detection, and door open/close detection. Applications include ATM Machines, Vending Machines, Slot Machines, or Security Systems.

Please read this document carefully. If you have any questions, please contact your Omron Inside Sales Representative.

PRICING PROMOTION:

This New Product qualifies for our 30 day NPI pricing promotion:

- If there are two pricing breaks, standard pack increment may be purchased at master pack cost
- If monolithic cost structure, 10% cost discount.

Reminder, this is ONLY for the first 30 days after NPI announcement, after which time standard distribution pricing will be used.

KEY FEATURES AND BENEFITS:

- **Expanded lineup of SMD**- new 5mm slot width, 3 different mounting styles, and 2 different power supply voltages available.
- **Models Available for Mounting on X, Y, and Z Axes**- Models with connectors are available in the following mounting styles: Side, L-shaped, and Horizontal.
- **Easy Mounting Capabilities off of a PCB**- With the various mounting styles, the photomicrosensor does not have to be mounted on a PCB board. This can contribute to smaller PCB and reduced production costs.

TARGET APPLICATIONS:

- Label printer
- Smart meter
- Amusement equipment
- Vending machine
- Security systems
- ATM machines

SELLING INFORMATION:

- See attached NPI spreadsheet for more information.

LITERATURE SUPPORT:

- Visit [HERE](#) for EE-SX3162/ 3163 /3164 and EE-SX4162 / 4163 / 4164 datasheet