

Dear Customer,

Automation Digest Issue #20 - June 2007

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In this issue, we bring to you the latest Omron Proximity Sensors, ZFX-The Vision Sensor of the future, E3X-MDA Super Dual Fiber Sensor, and SENA LS110 Serial Device Server.

Brief content of this issue:

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1) Omron Latest Proximity Sensors for special environments usage
2) Omron Smart Vision Sensor - ZFX
3) Omron E3X-MDA Super Dual Fiber Sensor
4) Sena LS110W Serial Device Server

* Omron Latest Proximity Sensors

Omron has come up with yet another latest range of Proximity Sensors for special environments usage.

For Machine Tools and Automotive Industries -> Omron E2E-U

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- Oil resistant, flame and chemical proof
- Environmental friendly (Lead and halogen free)
- PUR cable, more robust than normal PVC cable
- IP67

For Food & Beverage Industries and other high temperature environment -> Omron E2EH-X

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- High temperature resistant up to 200 degree celcius
- Stainless steel housing
- Detergent and rust proof
- IP67 & IP69K

For Food & Beverage, and Pharmaceutical industries -> Omron E2F-D

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- Anti-microbial plastic housing
- Using nano-technology (Silver ions that reduce bacteria & germs by inhibiting growth)
- FDA approved additive as housing material
- IP67 & IP69K

For Automotive, Welding equipment and Robotic manufacturing -> Omron E2AW

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- High temperature, abrasion resistant coated sensor surface that repel weld slag
- Sensing face made of high grade impact polymer
- Coated with high temperature epoxy (better than normal Teflon coating)
- IP67, UL & CSA Compliance

For Explosive Environment -> Omron E2AX

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- ATEX Certification Group II, Category 3D
- Stainless steel or brass housing
- Suitable for explosive environment using substance from sawdust to flour
- IP65, UL, CSA & EMC Compliance

Click here for more information on the latest range of Proximity Sensors->
http://www.omron-ap.com/product_info/index.asp?catlvl=64

* Omron ZFX - The Vision Sensor of the Future

Omron has created a new generation of plug-and-play vision products since last year with their first ZFV. Now, we are pleased to announce the latest release of Omron ZFX Vision Smart Sensor.

Features:

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- Colour camera with built-in lighting and lens
- Allow calculation for precision measurement
- Plug-and-play concept with only a sensor head and an amplifier
- High speed capturing and processing
- Cost-effective and compact
- User-friendly with built-in touchscreen LCD display

Applications:

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Semicon Industry

- Precise measurement of IC leads (pitch, width and length)
- Counting of IC leads
- IC Chip orientation and defect
- Plating colour of the leads
- Positioning of Wafer

Hard disk industry

- Precise positioning (X, Y and angle) of various components in high speed assembling line
- Counting number of hard disk media in a tray

General Electronic

- Identify the orientation of the electronic components

Free feel to contact us via our hotline or email for further enquires.

* Omron E3X-MDA Super Dual Fiber Sensor

The slimmest amplifier in the industry with two amplifiers squeezed into a body.

Features:

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- Remarkable space saving of approximately 50%
- Power saving of approximately 40%
- Equipped with AND/OR control output

Applications:

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- Checking alignment and mounting of LCD substrates
- Detection and front/back discrimination of parts
- Detection of bends in electronic component leads

Click here for more information on the Omron E3X-MDA Super Dual Fiber Sensor->

http://www.omron-ap.com/product_info/E3X-MDA/index.asp

*SENA LS110W Serial Device Server

The LS110 is a cost-effective single-port device server that connects RS-232 serial devices such as printers, scales, medical equipment, manufacturing machinery, barcode readers, card readers, point-of-sale equipment, and other data acquisition devices to 10Base-T Ethernet network.

Features:

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- Connects serial devices to 10Base-T Ethernet
- Supports RS232 based serial devices via DB9 serial port
- Serial data transfer rate up to 115Kbps
- Reliable TCP/IP protocol stack
- Low-price model for lowest transition cost
- Configuration via telnet or serial port
- Management software for configuration and administration
- Surge protector included
- Supports RFC 2217, Telnet COM Port Control Protocol

Click here for more information on the SENAS LS110W Serial Device Server->
http://www.sena.com/products/device_servers/external/hd_lite/

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Lastly, thanks for your time once again and we look forward to provide you with more updates in our next issue.

Best regards,
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