

PRODUCT NEWS

Correction Reissue

Modification Notice

Photomicro Sensors

OMRON

January 24, 2011

No. APHT-110104

The Photomicro Sensors Model EE-SX91 series
Modification Notice for change of Ratings and Specifications.

<<REQUEST>>

There was modification in portion of modification notices of Product News No. APHT-102029 of September 3, 2010 issue. We have changed the time in effect. It has been changed to July, 2011 from March, 2011.

[Effective Date]



Effective as of our production in **July, 2011**.

[Applicable Model]

EE-SX91 series

[Changes]



	Before the change	After the change
Change of Indicator color	Light indicator (red LED) 	Light indicator (orange LED) 
Change of Current consumption	15mA max.	21mA max.
Change of Control output	Load power supply voltage :5 to 24V DC Load current:100mA max. OFF current:0.5mA max. Residual voltage :1.0V max.(At load current 100mA) 0.4V max.(At load current 5mA)	Load power supply voltage :5 to 24V DC Load current:50mA max. OFF current:0.5mA max. Residual voltage :1.0V max.(At load current 50mA) 0.4V max.(At load current 5mA)
Addition of Protection circuits	Reversed power supply polarity protection Reversed output polarity protection	Reversed power supply polarity protection Reversed output polarity protection Output overcurrent protection (Only OUT2 on NPN models)

Modification Detail continued.

	Before the change	After the change
Change of Response frequency	<p>3kHz min.(8kHz average) Light incident:15 μ s average Light interrupted:40 μ s average *The response frequency was measured by detecting the following rotating disk.The response times for light incidence and light interruption are shown in the timing chart.</p>	<p>1kHz min.(3kHz average) *The response frequency was measured by detecting the following rotating disk.</p>

[Reason for change]

By making parts a platform for the affordability and the productivity improvement.

[Change of products specification]

It is necessary to replace the product specification submitted to the customers.

[Details of applicable model]

Product description
EE-SX910-R 1M
EE-SX911-R 1M
EE-SX912-R 1M
EE-SX913-R 1M
EE-SX914-R 1M
EE-SX910-C1J-R 0.3M
EE-SX911-C1J-R 0.3M
EE-SX912-C1J-R 0.3M
EE-SX913-C1J-R 0.3M
EE-SX914-C1J-R 0.3M

Product description
EE-SX910P-R 1M
EE-SX911P-R 1M
EE-SX912P-R 1M
EE-SX913P-R 1M
EE-SX914P-R 1M
EE-SX910P-C1J-R 0.3M
EE-SX911P-C1J-R 0.3M
EE-SX912P-C1J-R 0.3M
EE-SX913P-C1J-R 0.3M
EE-SX914P-C1J-R 0.3M