



**NO:** PH-184      **PRODUCT:** E3S-GS/LS/RS/R1 Sensors  
**DATE:** February 2014      **TYPE:** Modification Notice

## Legacy Photoelectric Sensors Modified with New Indicator

*Light Indicator Changes to Operation Indicator to Improve Monitoring*

**Effective date:** April 2014 production

**Reason for modification:** Users expect an operation indicator to help monitor the sensor during setup and troubleshooting. The opportunity to modify these sensors came when production of the light incident circuit was stopped.



There is **no change to the specifications and the performance** except for the indicator.

### Affected Parts

Models	Cable
E3S-GS3B4	2M
E3S-GS3B4	5M
E3S-GS3E4	2M
E3S-GS3E4	5M
E3S-LS10XB4	2M
E3S-LS10XE4	2M
E3S-LS20XB4	2M

Models	Cable
E3S-LS20XB4	5M
E3S-LS20XE4	2M
E3S-LS20XE4-M3J	0.3M
E3S-R1B4	2M
E3S-R1E4	2M
E3S-R1E42	2M

Models	Cable
E3S-RS30B4-30	2M
E3S-RS30B42-30	2M
E3S-RS30E4	2M
E3S-RS30E4-30	2M
E3S-RS30E42	2M
E3S-RS30E42-30	2M

### Indicator Change

Before the change				After the change			
Light indicator: Red				Operation indicator: Orange			
Operational mode	Object	Light Indicator : Red	Output transistor	Operational mode	Object	Operation indicator : Orange (changed)	Output transistor
Light ON	Incident	ON	ON	Light ON	Incident	ON	ON
	Interrupted	OFF	OFF		Interrupted	OFF	OFF
Dark ON	Incident	ON	OFF	Dark ON	Incident	OFF (changed)	OFF
	Interrupted	OFF	ON		Interrupted	ON (changed)	ON