

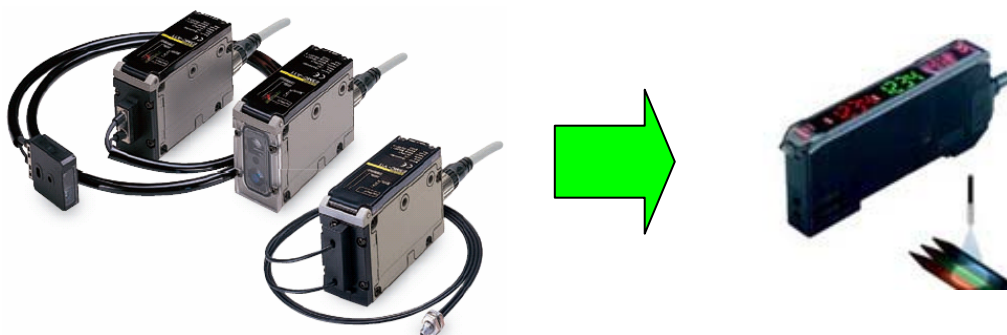
# Channel ACTION ALERT!

**OMRON**

**NO:** PH-134  
**DATE:** June 2010

**PRODUCT:** E3MC Color Mark Sensor  
**TYPE:** Discontinuation Notice

E3MC RGB Color Sensor Discontinued March, 31 2010;  
Replace with E3X-DAC11-S Fiber Optic Amplifier



As of March 31, 2010, all models of the E3MC RGB Color Sensor were discontinued. The E3X-DAC-S Fiber Optic Amplifier is the suggested replacement and selection is based on actual use. Please refer to the attached information to select a suitable replacement.

## Applicable Models

This notice affects the following models:

E3MC-A11  
E3MC-X11  
E3MC-Y11  
E3MC-MA11  
E3MC-MX11  
E3MC-MY11  
E3MC-A41  
E3MC-X41  
E3MC-Y41  
E3MC-MA41  
E3MC-MX41  
E3MC-MY41

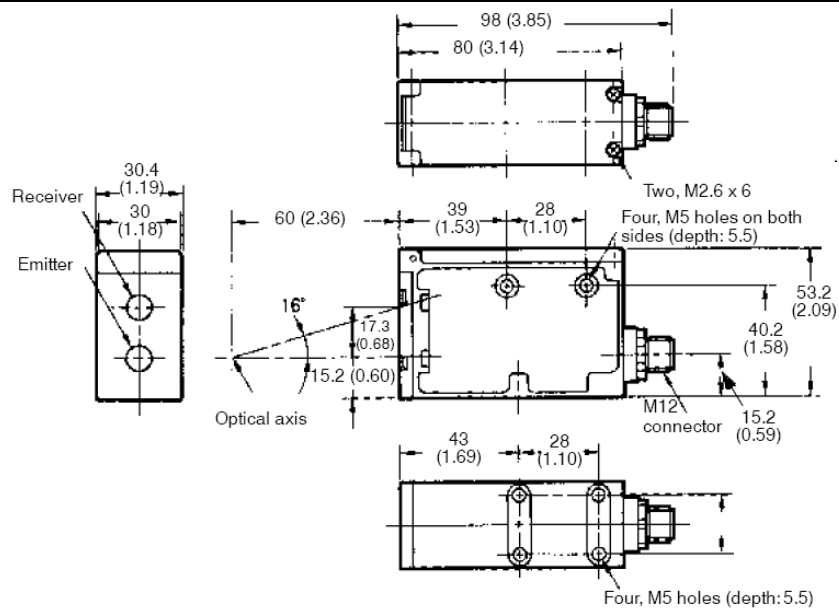
Please refer to previous notice, PH-116 for discontinuation information on the E3MC-\_81 models with analog output.

## Replacement Differences

The E3X-DAC-S Fiber Optic Amplifier, with white LED light source, can provide the same performance as the E3MC Color Sensor, with RGB light source, to detect standard colors. Please refer to the information below for an overview of differences. Suitability for use must be verified with the end user.

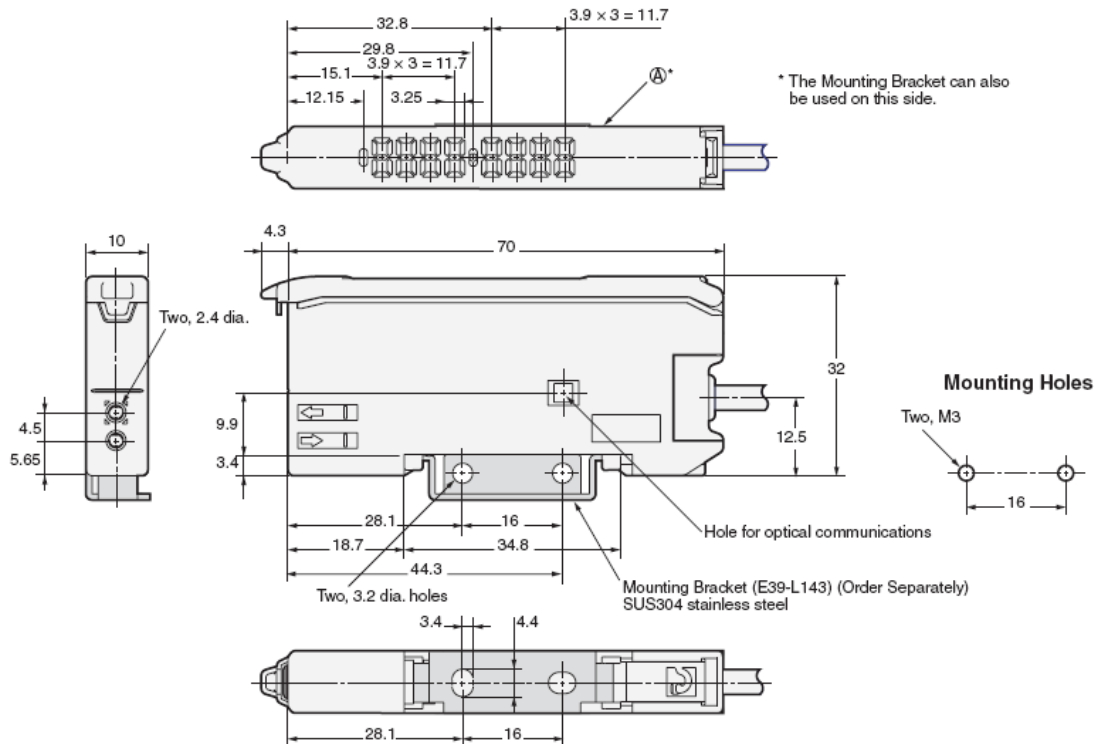
## Dimensions

### Discontinued Model – (Representative Model E3MC-A11)



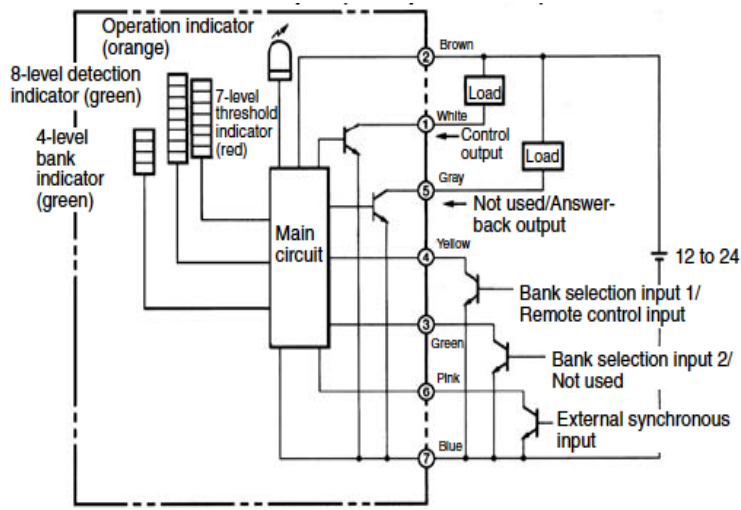
### Suggested Replacement Model – (Representative Model E3X-DAC-S)

#### With Mounting Bracket Attached



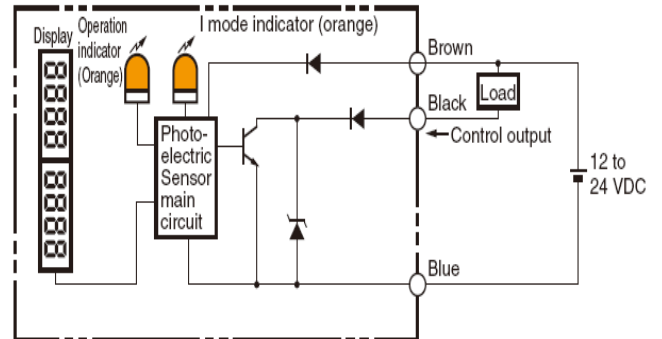
## Display / Output / Connections

### Discontinued E3MC Model ( Representative model; E3MC-A11)

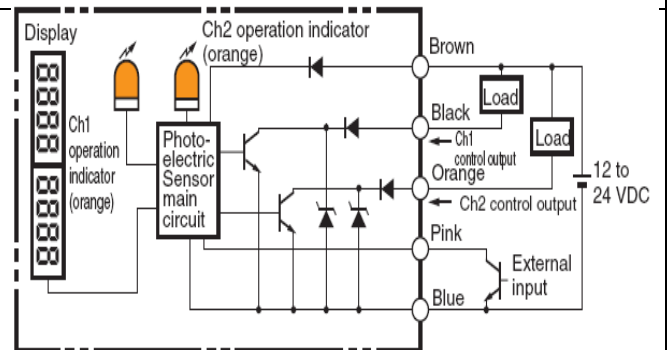


\*There is no analog output type for replacement.

### Replacement E3X-DAC-S Model ( Representative Model; E3X-DAC11-S)



### Replacement E3X-DAC-S Model (Representative Model; E3X-DAC21-S)



## Cross Reference List

Discontinued Model					Recommended Replacement*
Output Type	Output	# of Outputs	Sensor Type	Model	Model
ON/OFF	NPN	1-channel	Built-in Lens	E3MC-A11	E3X-DAC11-S
			Precision Fiber Optic	E3MC-X11	
			Separate Fiber	E3MC-Y11	
		4-channel	Built-in Lens	E3MC-MA11	E3X-DAC11-S (1 CH. Output) / E3X-DAC21-S (2CH. Output)
			Precision Fiber Optic	E3MC-MX11	
			Separate Fiber	E3MC-MY11	
	PNP	1-channel	Built-in Lens	E3MC-A41	E3X-DAC41-S
			Precision Fiber Optic	E3MC-X41	
			Separate Fiber	E3MC-Y41	
		4-channel	Built-in Lens	E3MC-MA41	E3X-DAC41-S (1 CH. Output) / E3X-DAC51-S (2CH. Output)
			Precision Fiber Optic	E3MC-MX41	
			Separate Fiber	E3MC-MY41	

\* Suitability for use in the application must be confirmed with the customer. Please order fiber units separately based on the application.

### Other Differences

Please refer to the [E3X-DAC-S](#) section of the [www.omron247.com](http://www.omron247.com) website for detailed information about the Color Fiber Amplifier.