E3ZM-V

Two-point Teaching (Button)		
 Place the point at which you want the Sensor to turn ON Then press the teaching button for at least 2 seconds. 	in the spot position.	Sensor
	,	
The teaching indicator (red) will start flashing quickly. (ON teach Perform the following operation within 7 seconds after first startin seconds, the Unit will return to the original status.)		* Flashes quickly
	*The stability indicator (green) and operation indicator (their lit or OFF status, and the teaching indicator (
 Press the teaching button for approximately 0.5 second. The teaching indicator (red) will turn OFF for approximatel be completed. 		Lit for approximately 0.5 second
	7	
The operation indicator (red) will start to flash quickly again. (OF This status will continue until the next teaching operation is exec		Flashes quickly
	7	
3. Place the point at which you want the Sensor to turn OFF	in the spot position.	Sensor o Mark Background
 Press the teaching button for approximately 0.5 second. The teaching indicator (red) will turn OFF for approximate will be completed. 	ely 0.5 second, and then OFF teaching	Lit for approximately 0.5 second
will be completed.		0.5 second
The teaching indicator (red) will turn OFF for approximate will be completed. When Teaching Is Successful The stability indicator (green) indicates whether detection is stable.	ely 0.5 second, and then OFF teaching When Teaching Is Not Su The teaching indicator (red) will flash slowly in cycles of approximately 6 seconds.	0.5 second
The teaching indicator (red) will turn OFF for approximate will be completed. When Teaching Is Successful The stability indicator (green) indicates whether detection is stable. (1)Lit Indicator →Detection can be performed stably even with workpiece flopping. (2)Flashing Indicator	When Teaching Is Not Su The teaching indicator (red) will flash slowly in cycles of approximately 6	0.5 second
The teaching indicator (red) will turn OFF for approximate will be completed. <u>When Teaching Is Successful</u> The stability indicator (green) indicates whether detection is stable. (1)Lit Indicator →Detection can be performed stably even with workpiece flopping.	When Teaching Is Not Su The teaching indicator (red) will flash slowly in cycles of approximately 6 seconds.	0.5 second
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Remote Automatic Teaching

- 1. Input a pulse with a pulse width of at least 2 seconds but less than 10 seconds into the remote control input (pink).
- 2. Teaching will be executed automatically when the side with the shorter detection time (i.e., the mark) passes by the spot.
 - Allow a passing time of at least 1.5 ms.
 - Teaching will be completed when the mark has passed by seven times.
 - Teaching will not be successful if there is no difference in the amount of light between the mark and the background.

3. When detection is started, the output will be ON when the shorter detection time (i.e., the mark) is detected.

Note: Determine whether teaching has been completed according to whether the output if ON or OFF for the mark and background. If the output does not turn ON and OFF for the mark and background even after one minute has elapsed since the remote control input was turned ON, teaching was not successful. Turn ON the remote control input again.



* Teaching will be cancelled if seven marks do not pass by within one minute after the remote control is input.

Precautions for Automatic Teaching (Remote)

- The operation mode can be set only to turn ON by the amount of light of the shorter detection time period. To set it to turn OFF by the amount of light of the shorter detection time period, use two-point teaching (manual).
- Automatic teaching (remote) may produce incorrect judgments if there is workpiece flopping or the workpiece surface has level differences or protrusions.

In these cases, use two-point teaching (manual).

• This teaching function cannot be used if the background is not a solid color.