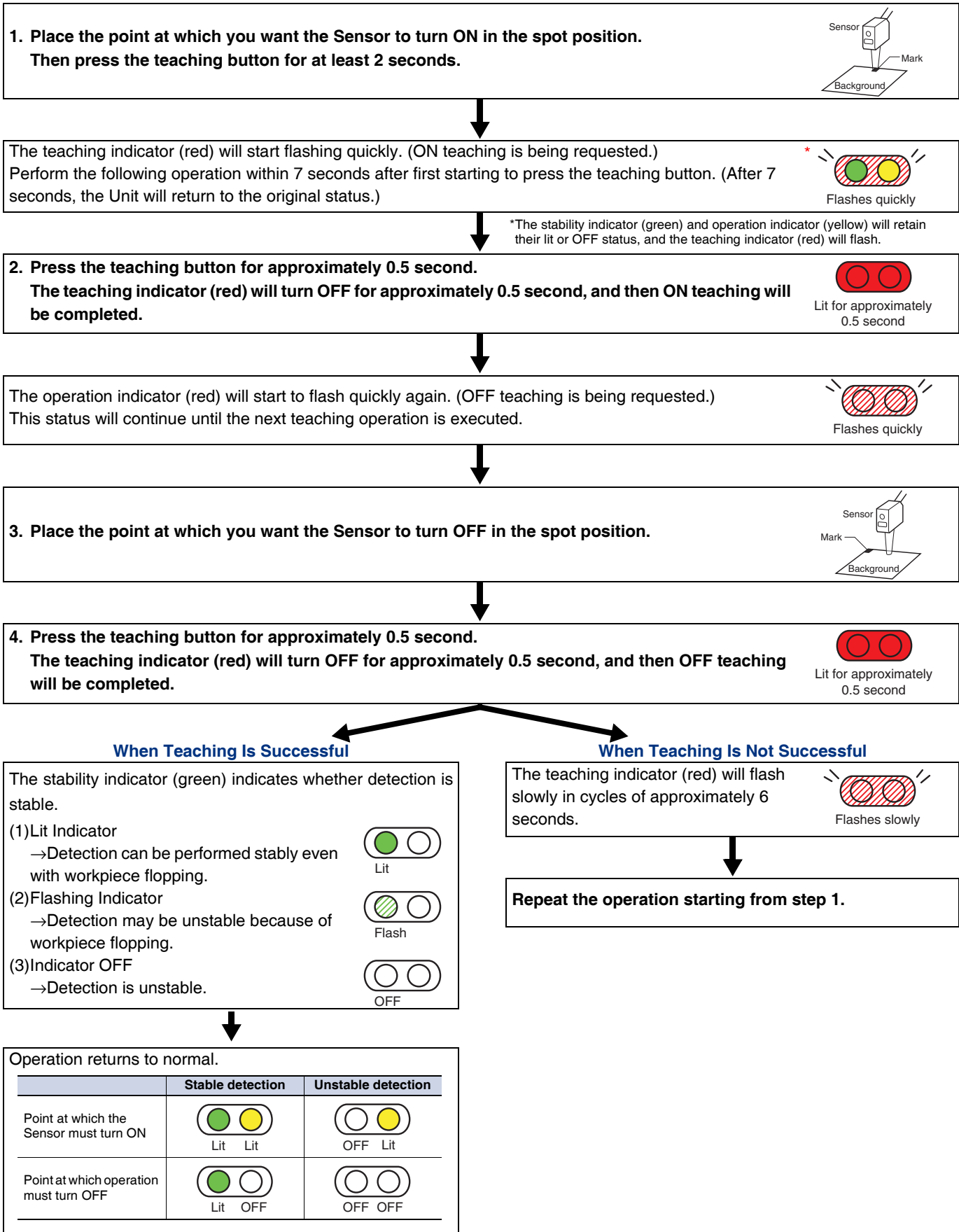


# E3ZM-V

## Teaching Procedure

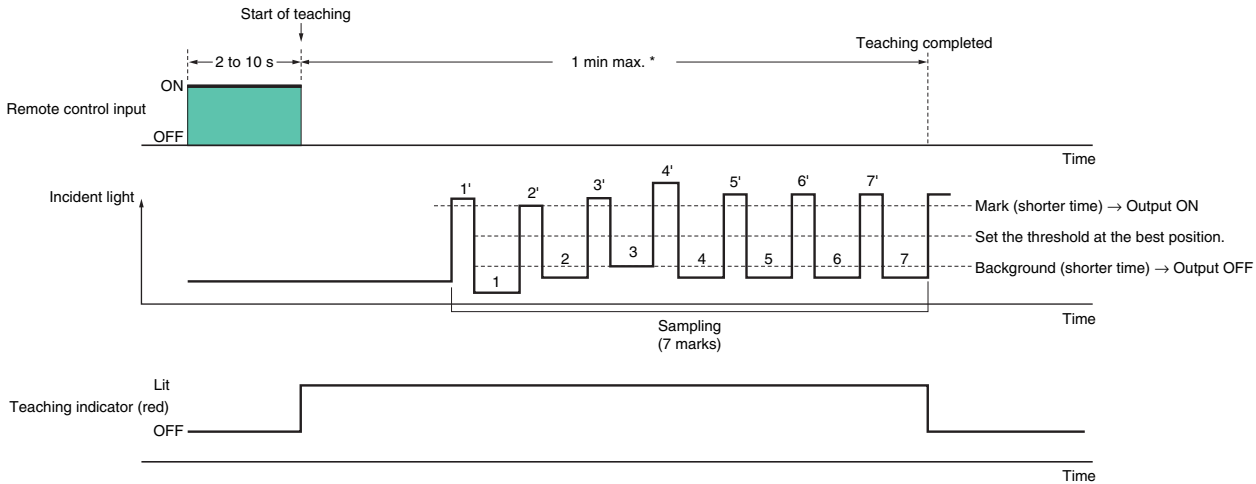
### Two-point Teaching (Button)



### 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 is 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.