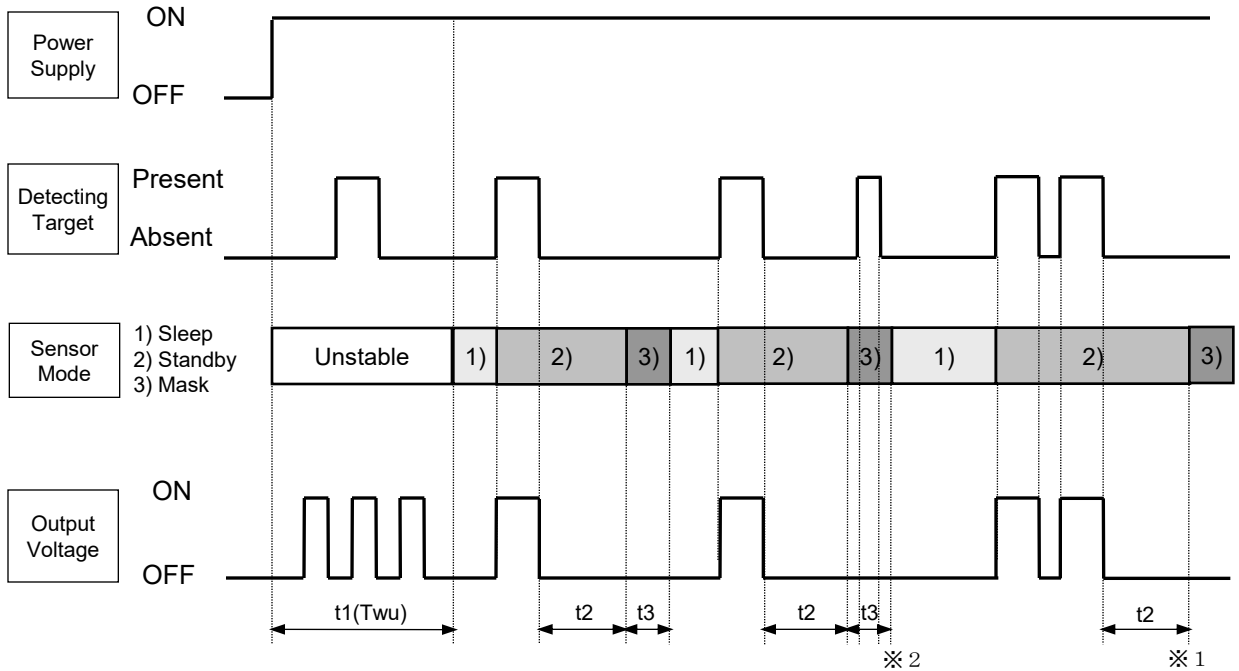


4-4 Timing Chart



【Modes】

- 1) Sleep Mode : When the output is OFF. The electrical current consumption is around 1 μ A.
- 2) Standby Mode : After the sensor's output reached ON status, the sensor switches to standby mode. The electrical current consumption gets close to 1.9 μ A . When the sensor's output returns to its OFF value after expiration of the "hold time", the sensor switches again to sleep mode.
- 3) Mask Mode : Time during which the output is forced to OFF after the end of the standby mode. (no detection is possible during this period.)

【Durations】

- $t_1(Twu)$: Circuit Stability Time: About 25s. (typ.)
During this stage, the output's status is undefined (ON/OFF) and detection is therefore not guaranteed.
- t_2 : Standby Hold Time: About 2.6s (typ.)
Depending on the number of output happening during standby mode, the hold time can differ (※ 1)
- t_3 : Mask Time About 1.3s (typ.)
During this stage, even if the sensor detects something, output will not switch to ON. (※ 2)

Specifications

Ver.1.1

Product Name

PIR MOTION SENSOR "PaPIRs"

Model No.

EKMB119111 □

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4-5 Detection Area

