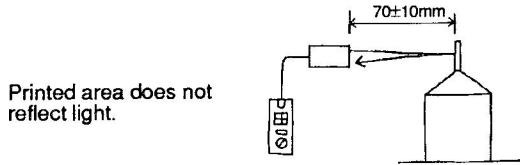
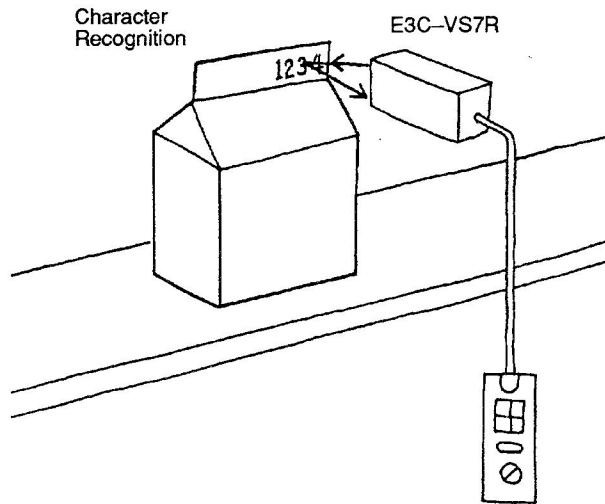


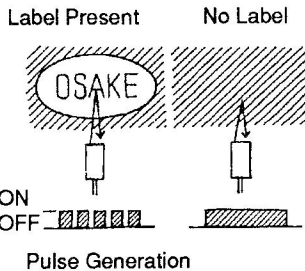
### 9 Milk Carton Printed Character Recognition

The spot diameter is just 0.2 mm enabling very small characters to be recognized. A red-light laser is used to view the spot position. There is a  $\pm 1$  mm leeway in the detection distance therefore if the object shakes or flutters the characters can still be recognized. Used with an E3C amp as a one set. E3C-VM35R model (detection distance 35 mm) is also available.

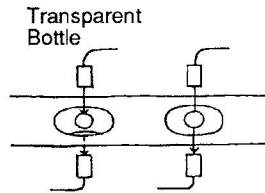


Separate Amp Photoelectric Switch  
E3C-VS7R (Sensor)  
EC-JC4P (Amp)

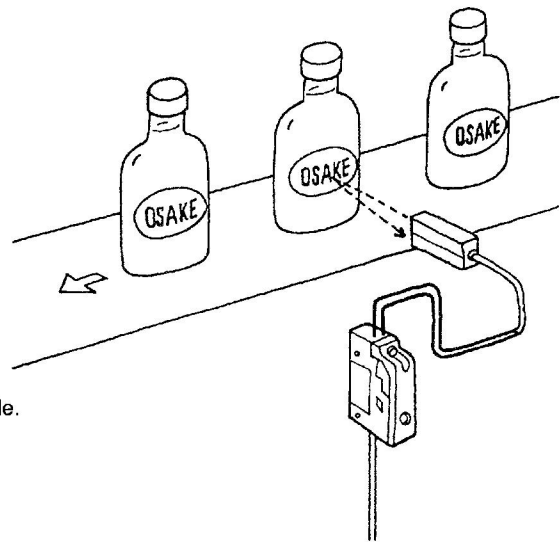
### 10 Bottle Label Detection



If synched pulse is generated OK,  
if no pulse is generated NG.



Transmission Type is also possible.



Separate Amp Photoelectric Switch  
E3C-VS1G (Sensor) or E3C-VM35R (Sensor)  
E3C-JC4P (Amp)

### 11 Mark Sensor Use Techniques (1) Lustrous Sheet Mark Detection

Since the sheet material is lustrous if the sensor is positioned at a 90 angle it will gather in light reflected at right angles and the mark will not be detected.

