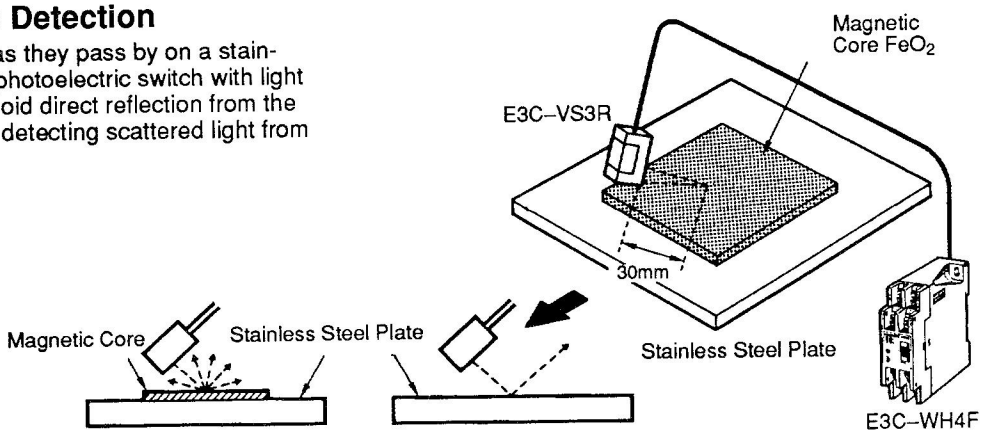
6 Magnetic Core Detection

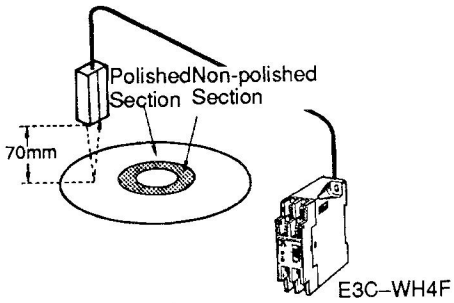
Detects magnetic cores as they pass by on a stainless steel plate. Uses a photoelectric switch with light incident at an angle to avoid direct reflection from the stainless steel, thus only detecting scattered light from the magnetic core.



Detection Subject: Magnetic Core (FeO2, Brown)
Photoelectric Switch: E3C–VS3R
E3C–WH4F

7 Floppy Disk Polished Section Detection

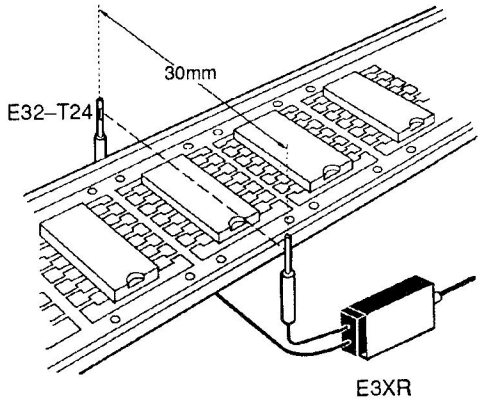
Detector is set to receive light from all directions of the polished surface.



Detection Subject: 3.5" 2DD FDD
Photoelectric Switch
Amp Unit: E3C–VS7R
E3C–WH4F

8 Lead Frame Rise Detection

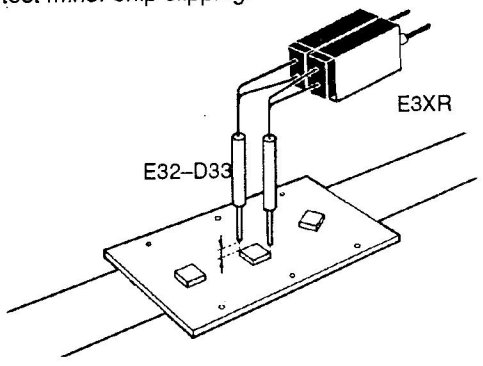
Can detect small rise areas easily without bending the sleeve.



Detection Subject: Lead Frame
Fiber Optic Photoelectric Switch E32–T24/E3XR

9 Chip Slip Detection

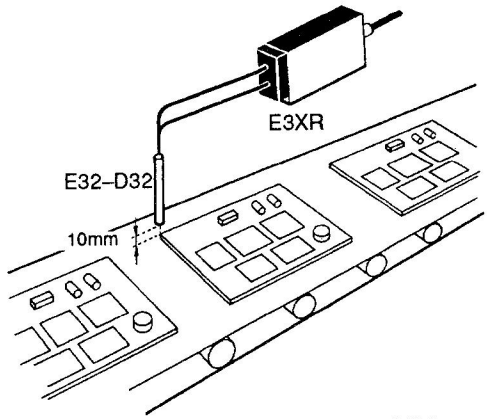
Can detect copper wires as small as 0.015 mm, fibers of 0.25 mm diameter and 0.8-mm sleeves. Can correctly detect minor chip slipping.



Detection Subject: IC Chip
Fiber Optic Photoelectric Switch E32–D33/E3XR

10 Circuit Board Positioning

Coaxial fiber, flexible in any direction, can be freely cut.



Detection Subject: Printed Circuit Board Edge
Fiber Optic Photoelectric Switch E32–D32/E3XR