49 Milk Detection (in carton)
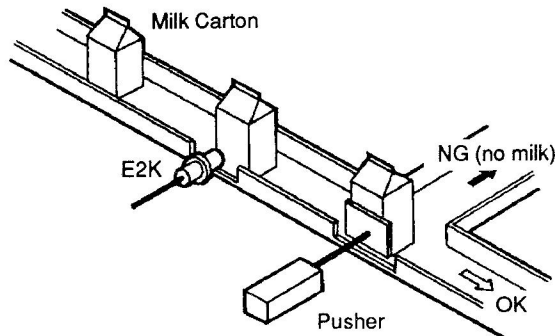
The use of a static volume proximity switch ensures that the contents of opaque containers are present.

Milk Carton

E2K

NG (no milk)

Pusher

OK

Static Volume Proximity Switch   E2K–C

50 Number of Dumplings Detection (in package)

The number of dumplings in the package are counted and NG ones are rejected. The dumplings must be wrapped at an angle to ensure accuracy.

E3S–LS10XE4

E3R–DS30E4

S3D8

Wrapping
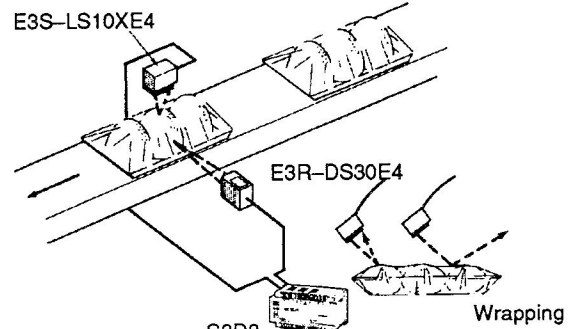
Limited Reflection Photoelectric Switch E3S–LS10XE4
Sensor Controller   S3D8

51 Tank Liquid Level Detection

A Glass bypass pipe is installed in the tank and the liquid level can be detected.

S3D8

Upper Level Detection
Static Volume Proximity
Switch E2K–C25ME1

Lower Level Detection
E2K–C25ME2

Foam

Beer

Glass Pipe

Tank

Release Valve

Pump
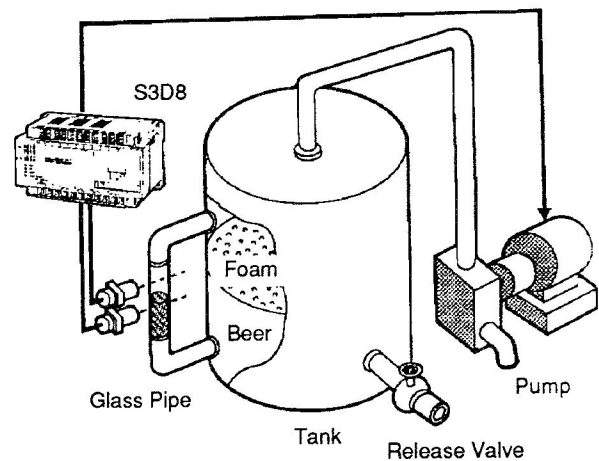
Static Volume Proximity Switch   E2K–C

52 Aluminum Can Top/Bottom Judgement

The bottom of the can is detected to determine if the can is upside down. By using the E2EV, the detection distance increases three times compared with a conventional sensor.

E2EV
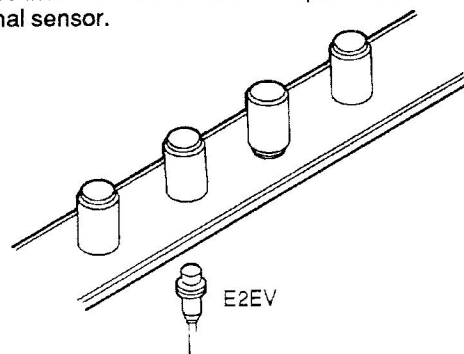
Detection Subject: Aluminum Can
A Metal Proximity Switch E2EV

53 Powder Application Confirmation

The analog output of powder can be detected without being influenced by the amount of output.

E32–T16
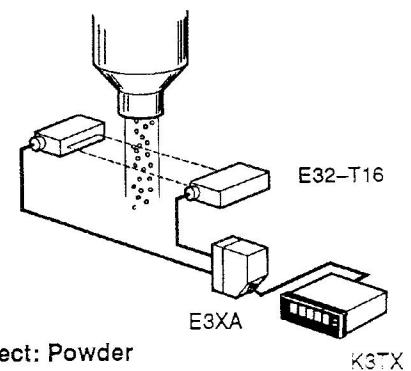
E3XA

E3XA

K3TX

Detection Subject: Powder
Fiber Unit E32–T16
Amp Unit E3XA–CO4A
Digital Panel Meter K3TX