



Prevent attachment of paper dust at sensors for detection

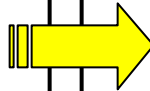
OUTLINE / PREVIOUS

Customer: Machinery manufacturer
Machinery: Mounting machine

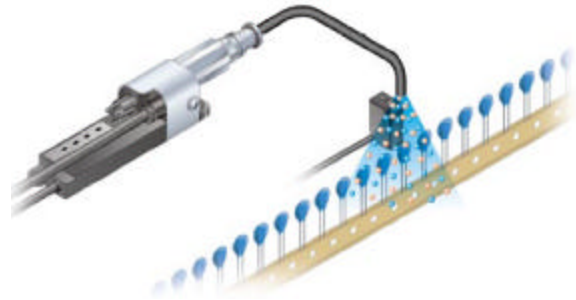
In the process of mounting onto substrates, paper dust arises from paper tape feeder and attaches to the light emitting / receiving surface of the sensor for presence detection. The paper dust is blown by normal air.

PROBLEM

Even the paper dust is blown by normal air, it attaches to the emitting / receiving surface of sensors, which leads to malfunction of sensor. Wipe off of the dust is required.



SOLUTION



MODEL / HOW TO

ER-VS01, ER-VAJT-64, ER-AT50

Flexibly bent conductive tube **ER-AT50** is used to blow ionized air from close position to perform dust / charge removal on detecting surfaces of sensors.

BENEFIT 1

Improvement in productivity

Blowing the ionized air to the sensors prevents attachment of paper dust at emitting / receiving surface, so that the operators do not need to consume time for wiping sensors.

BENEFIT 2

Flexibly bent conductive tube

Conductive tube **ER-AT50** (tube length of 500mm) can be bent freely as well as cut to change length, so that it is easy to install the ionizer to blow ionized air directly to the position where charge removal is required.

BENEFIT 3

Safe design

“Checking function” and “abnormal discharge monitoring function” are provided to notify the operator when it is time to clean or replace the discharge needle and to prevent discharge problems. Each function has an LED display for checking.

