

Syntron® Parts Detectors

Detect Presence or absence of parts

Syntron® Parts Detectors offer a reliable method of detecting the presence or absence of parts for controlling back pressure, a condition caused by parts accumulating at the bowl discharge and external track due to overfeed.

Photoelectric Parts Detectors

Photo Electric Parts Detectors offer some very definite advantages:

- non-contact sensing
- high tolerance to changes in ambient conditions
- extremely broad selection of sizes and styles
- easy installation and setup
- low maintenance
- Adjustable on/off delay timers for smooth part flow

Electronic Proximity Parts Detectors

HCA Syntron utilizes capacitive and inductive electronic proximity detectors for difficult applications such as:

- Plastic parts that do not efficiently block the light beam or "burn through".
- Transparent parts.
- Small wire coil springs which cannot effectively block photoelectric beams.
- Detection of irregularly shaped part surfaces which cannot be detected by air or photoelectric detectors.

