



POULTRY MANAGEMENT SYSTEMS INC

Leading the Poultry Industry Into the World of Technology...

6425 Grand River Ave.
Saranac, MI 48881

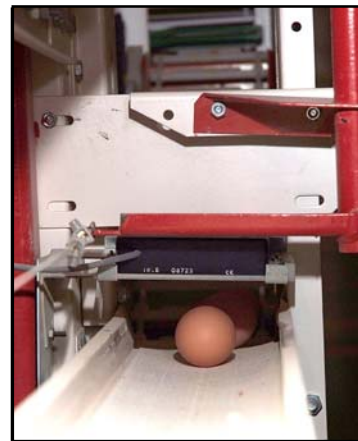
(616)642-9050

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POULTRY MANAGEMENT SYSTEMS

IR3 EGG COUNTERS

IR3 (For individual egg belts) Egg Counter



Applications

The IR3 is an infrared electronic egg sensor which accurately counts eggs without single filing. Spanning a full 7.62 cm/3 inches, the sensor can count side-by-side eggs on 4" belt. A sealed design allows the sensor to operate in harsh poultry house conditions, even during wash down. The sensor uses infrared light to detect eggs without touching them.

Features

- The use of infrared technology means the eggs are counted without being touched. This eliminates the risk of damage and/or soiling.
- As the electronics are sealed into the counter it can be left in place in the poultry house even during cleaning.
- Highly accurate
- Low energy consumption
- Compact size
- It will not mistake rods for eggs on the collection belt
- No need to separate eggs



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Power supply

Supply voltage	9 - 25 Vdc
Power consumption	
Maximum	30 mA
Typical	20 mA

Output

		NPN open collector
1 egg per pulse	pulse width	150 msec
Conveyer speed		0-15 meters per minute 0-50 feet per minute

Housing

Dimensions (l _x w _x h)	4.875x1.750x1.0 inches/ 12.8x4.44x2.54 cm
Mounting Holes	
Center to Center	4.5 inches/11.4 cm
Diameter	0.187 inches/0.475 cm

Recommended Mounting Height: 1 inch (2.5 cm) above a "large" egg



Simple solutions for complex times.