



“EQUIPPED TO MEET YOUR NEEDS”

The SmartIR Feed Sensor



The SmartIR Feed Sensor makes choosing a feed system sensor a no brainer for you!

No need to rack your brain over a feeding system. **SmartIR** utilizes infrared beams to detect feed so there are no moving parts and no sensitivity adjustments.

Features & Benefits

- Fast and easy push button programming
- Digital display and system status LEDs
- Adapts to nearly all flexible auger systems
- Maximum run timer prevents feed spills and auger wear
- On delay timer prevents feed system short cycling
- Alarm contact provides notification of out of feed events
- Auto-reset over current protection ...no fuses to replace

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The SmartIR Feed Sensor

... It's a no brainer.

New from Automated Production Systems, the **SmartIR** utilizes **Infrared Sensing Technology** to detect the level of feed and control all functions of your feed delivery system. **SmartIR** requires no sensitivity adjustment and is not affected by changes in temperature, humidity, moisture content or feed type.



SmartIR's Digital Display and Push Button Interface allows quick and precise adjustments to timer settings and access to all feed system status information at a glance. The large display is easily readable without entering the pen.

SmartIR's On Delay Timer delays the restart of the feed system for a programmable period of time to prevent the occurrence of potentially damaging feed system short cycling.



SmartIR's Maximum Run Timer shuts down the feed delivery system after the system operates continuously for a predetermined period of time preventing costly feed spills and feed system wear caused by bridged or empty feed bins.

SmartIR's Alarm Contact can be wired to your Agri-Alert or other on site alarm system to provide immediate notice that the maximum run time has been exceeded indicating an out of feed event.



SmartIR's Removable Feed Sensor Insert is designed for performance and serviceability. It features six independent infrared beams which must be simultaneously interrupted to deactivate the switch. The durable clear housing serves as a lens to protect the IR transmitters and receivers from feed, dust and moisture.



SmartIR's 20 amp, 230 volt Internal Relay allows the sensor to be installed on all makes of flexible auger delivery systems without modifications.

SmartIR's Optional Protective Cover safe guards the unit from damage by high pressure washers and incidental contact without obstructing operation or vision.

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SPECIFICATIONS

230 volt - Compatible with 1 PH and 3 PH Flex-Flo control units
Motor Contact - 20 amp dry contact/Max 1.5 HP at 230V
Alarm Contact - 1 amp/125V, dry contact
On Delay Timer - Adjustable - 0 min. to 24 hrs.
Max. Run Timer - Adjustable - 1 min. to 24 hrs.
Over Current Protection - PPTC Auto Reset Fuses
Dimensions - 12.0" H x 6.4" W x 7.5" D/Inlet - 3.4" ID/Outlet 3.5" OD
Weight - 3.8 lbs.