

HY RATE™

Seed Sensor



High counting accuracy for large seeds with robust design for the harshest environments.

The Hy Rate™ 3 LED Seed Sensor is the sensor of choice for large seed types and seeding rates of 1 to 135 seeds per second with up to 98% accuracy depending upon the application of the sensor. Examples of these include: Maize, Soya bean and fertilizer. Using optical technology the seed sensors work under the principal of photo detection. Light emitting diodes (LEDs) create a thin field of light across the interior of the seed tube. A photo detector on the opposite side of the tube continuously monitors the intensity of the light. Any seed that disrupts the sensing zone's light source is detected by the photo detector cell and the corresponding seed pulse is communicated to the monitor.

Features and Benefits:

- Multiple mounting options for seed tubes, delivery hoses or specialty planters
- Population, blockage and fertilizer blockage detection
- Easy installation
- Optical technology – minimizing disturbance of seed flow
- Compatible with most planter, seeder and OEM monitors
- Storage temperature - 55°C - 105°C
- Operating temperature - 0°C - 85°C
- Humidity - 0 - 95%
- Supply voltage range of 7.2 - 8.8 volts DC
- 5 volts self triggering circuitry

Backed by the power of DICKEY-john:

When you buy a DICKEY-john Hy Rate™ Seed Sensor you get all the dependability and value you expect from DICKEY-john products. Like all DICKEY-john products, the Hy Rate™ Seed Sensor is designed, manufactured, and supported in the USA.

