



# AGRICULTURE

CUSTOM SWITCHING & SENSING SOLUTIONS

---

*Engineered For Smarter, More Reliable & Efficient Harvesting*

# AGRICULTURE

SENSORS' LONGEVITY, VERSATILITY MAKE THEM IDEAL IN AGRICULTURE

## ELECTRONIC CONTROL UNIT HOE

- WORKING HEIGHT
- DISTANCE
- SPEED
- DIRECTION

## ELECTRONIC CONTROL UNIT SPRAYER

- FUEL CONTENTS
- PRESSURE
- FLOW RATE
- BOOM SECTIONS
- WORKING WIDTH
- FLOW RATE OF PUMP
- FLOW RATE OF AGENTS, BOOM SECTIONS
- HITCH CONTROL (HEIGHT OF SPRAYER BOOM)
- PTO REVOLUTIONS

## ELECTRONIC CONTROL UNIT TRACTOR

- WORKING HEIGHT
- DISTANCE
- SPEED
- MOTOR REV
- POWER TAKE OFF REV
- TORQUE POSITION
- DIRECTION
- SPEED & DIRECTION (ONE SENSOR)



## MECHANICAL SPREADER

- FEEDING SYSTEM
- CABIN, PEDAL, LEVER, GPS, INSTRUMENT PANEL
- THRESHING AND SEPARATING
- CLEANING SYSTEM
- UNLOADING AUGER
- PIVOTING SPOUT

## FLOW SENSORS

- RATE OF PUMP
- RATE OF AGENTS
- BOOM SECTIONS

## LEVEL SENSORS

- FUEL
- COOLANT
- POWER STEERING
- DIFF GEARBOX OIL
- HYDRAULIC OIL
- BRAKE FLUID
- OIL LEVEL

## SPEED SENSORS

- VEHICLE SPEED
- HARVESTER ELEVATOR SPEED
- FAN SPEED
- CHOPPER SPEED
- UNLOADING AUGER SPEED
- CLEANING AUGER SPEED

## KEY COMPONENTS



### GEAR TOOTH SENSOR

Gear sensor coupled with parking sensor to detect unwanted wheel rolling and engagement of safety brake.



### ANGLE POSITION SENSOR

Angle position sensor to detect rotation of linkages and brackets.



### EV ISOLATION RELAYS

KT & MHV Series Reed relays measure high isolation in EV Battery Management Systems.



### GEAR TOOTH SENSOR

Gear tooth sensor for detecting the rotation and speed of the threshing function.



### REED PROXIMITY SENSOR

Reed proximity sensor detects if the cab door is open. Draws no power in its normally open state.



### REED/HALL SENSOR

Reed and Hall Effect sensor used for brake pedal actuation and break by wire analog output.



### REED FLOAT SENSOR

Single point low fluid level sensor. Coupled with a grommet these sensors are easily pressfit installed into blow molded bottles.



### REED FLOAT SENSOR

The LS04 Series Reed Float Sensor alerts when the coolant level is at a critical low point or multiple points as needed.

 IATF 16949 CERTIFIED

 ISO 9001 CERTIFIED

 ITAR

 NIST

 AS9100 CERTIFIED



A Standex **Electronics** Business