



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 REVS
- POWER TAKE OFF REVS
- 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

POSITION SENSORS

- WHEEL POSITION
- LINKAGE POSITION
- COUNTER KNIFE POSITION
- DOOR OPEN/CLOSE
- SPOUT ANGLE



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.



A Standex **Electronics** Business