



PARTNER | SOLVE | DELIVER®

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)



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

MECHANICAL SPREADER

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

POSITION SENSORS

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

SPEED SENSORS

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

IATF 16949
CERTIFIED

ISO 9001
CERTIFIED



NIST

AS9100
CERTIFIED

KEY COMPONENTS



GEAR TOOTH SENSOR

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



EV ISOLATION RELAYS

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



REED PROXIMITY SENSOR

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



REED FLOAT SENSOR

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



ANGLE POSITION SENSOR

Angle position sensor to detect rotation of linkages and brackets.



GEAR TOOTH SENSOR

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



REED/HALL SENSOR

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



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.

ADVANCED MAGNETIC SENSING

OUR VERSATILE ENGINEERING EXPERTISE IN MAGNETIC SENSING TECHNOLOGIES AND CUSTOM PACKAGING ALLOWS US TO BE A ONE-STOP-SHOP FOR YOUR SENSING REQUIREMENTS.

SENSING TECHNOLOGIES

REED

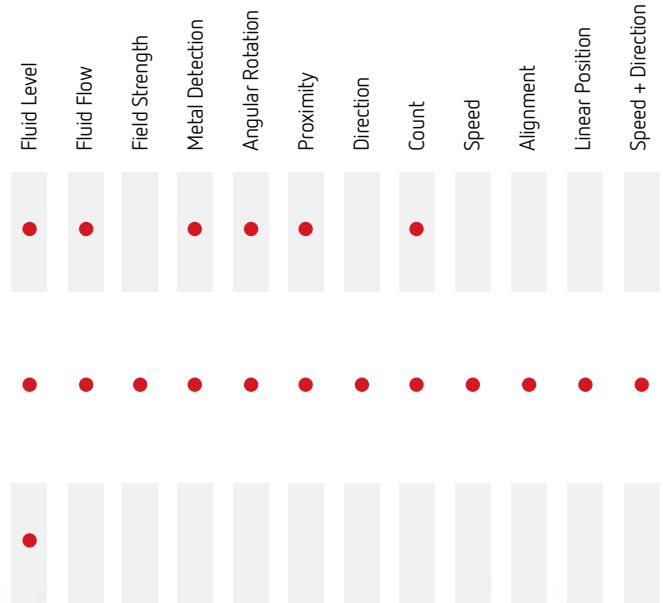
- World leader in reed technology
- No power required
- Cost effective solution
- Reliable 2-wire device
- High isolation
- > 50 million in automotive applications

HALL EFFECT

- Sensor Solutions, Inc. products added 3/22
- Digital or analog outputs
- Programmable
- Patented level sensor
- Power consumption in low mA

CONDUCTIVE/ CAPACITIVE

- Continuous fluid level analog output
- Solid state reliable with no moving parts
- Handles wide temperature range



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