Agricultural, construction and material handling vehicles require sophisticated precision control to achieve maximum performance.

Active steering, exhaust gas recirculation, electronically controlled suspension, and computer controlled fuel systems are some examples of the increased presence of electronics in these vehicles.

One of Bourns' key strengths as an industry leader is the ability to utilize core technologies to provide products specifically designed for customers' applications.

BOURNS®

Our engineering and production centers

Engineering Centers

Bourns, Inc.
Riverside, California
U.S. Headquarters

Bourns Sensors GmbH
Sauerlach, Germany

Bourns, Inc.
Auburn Hills, Michigan
USA

Production Centers

Bourns Kft.
Ajka, Hungary

Bourns Xiamen
Xiamen, China

Bourns de Mexico
Chihuahua, Mexico

Bourns de Mexico
Tijuana, Mexico

Let Bourns provide you with an innovative solution!

www.bourns.com

BOURNS®

Transportation Products

Innovative Solutions for Heavy-Duty and Off-Road Equipment

Utilizing decades of experience in the automotive industry, Bourns is focused on selecting the most suitable technology for your specific application requirements.

Customer Service:

Americas: Tel +1-951 781-5500
Fax +1-951 781-5700

EMEA: Tel +36 88 520 390
Fax +36 88 520 211

Asia-Pacific: Tel +886-2 256 241 17
Fax +886-2 256 241 16

Position and Speed Sensors

Bourns has provided position sensing products to the automotive industry for nearly 20 years and is capable of producing a custom sensor for your application.

Vehicle Dynamics Sensors

Steering

- Absolute Steering Angle Sensor
- Incremental Steering Angle Sensor
- Torque Sensor
- Torque and Index Sensor
- Torque and Angle Sensor
- BLDC Motor Position Sensor

Chassis

- Chassis Level Sensor

Braking

- Brake Pedal Sensor
- Passive and Active ABS Wheel Speed Sensors

Engine & Powertrain Sensors

- EGR Sensor
- ETC Pedal Sensor
- Throttle Position Sensor
- Fuel Level Sensor
- Transmission Speed Sensors

Comfort Sensors

- Hollow Shaft Encoder for Powered Closure Systems
- HVAC Air Flap Sensor
- HVAC Temperature Control
- Steering Reach and Rake Position Sensor
- External Mirror Position Sensor
- Seat Position Sensor
- Headlamp Leveling

Bourns' sensing technologies are favored design-ins for applications with a high demand for reliability in harsh environments.

Hall Effect-based Linear Position Sensor

Magneto Resistance-based Angular Position Sensor

Chassis Level Sensor

Non-Contacting Throttle Position Sensor

Torque and/or Torque Angle Sensor

Brake Wear Sensor

ABS Wheel Speed Sensor

Transmission Speed Sensor

Bourns is also a leading provider of components and solutions for circuit protection, circuit conditioning, panel controls and motion control.

Bourns® Component Offering

Circuit Protection

- ChipGuard® ESD Suppressors
- Gas Discharge Tube (GDT) Surge Arrestors
- LED Shunt Protectors (LSPs)
- Resettable Fuses - Multifuse® PPTC
- TBU® High-Speed Protectors (HSPs)
- Telefuse™ Telecom Protectors
- SinglFuse™ Thin Film Chip Fuses
- Thyristor Surge Protectors - TISP® Thyristors
- Transient Current Suppressors - TCS™ High-Speed Protectors

Circuit Conditioning

- Trimpot® Trimming Potentiometers
- Chip Arrays
- Chip Diodes
- Chip Resistors
- Inductors, Transformers & Power Chokes
- Modular Contacts
- Precision Potentiometers
- Precision Resistors
- Resistor Networks
- RF Power Resistors

Panel Controls

- Dials
- Industrial & Consumer Panel Controls

Motion Control

- Contacting and Non-Contacting Rotary Position Sensors
- Encoders
- Linear Motion Potentiometers