



Sense
Measure
Control

Pressure

Acceleration

Force

Position

Temperature

Torque

Speed

Logging/Displays

Calibration Service

Wiring/Electronics



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www.kasensors.com

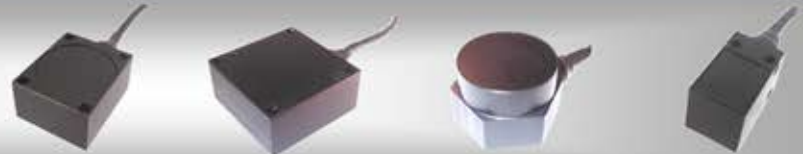
Pressure



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Control Solutions For Motorsport

Range: 100mbar to 2000bar, high accuracy, temperature up to 150°C, options for all liquids and gas measurements, thread or flange mounting, cable or connector electrical connection, 5V or 8-16V Supply

• Fuel • Oil • Water • Brakes • Coolant • Pitot • Aero • Engine • Gearbox • Dyno •

Range: $\pm 100\text{N}$ to $\pm 30\text{kN}$, high accuracy, temperature up to 135°C, Tension/Compression/Bending, 5V or 8-16V Supply, mV or amplified output signal.

• Gearshift • Pushrods • Steering • Valves • Bump Stop • Crash Test • Weight • Pedal • Aero •

Range: $\pm 1\text{G}$ to $\pm 500\text{G}$, Frequency response DC to 5kHz, 1/2/3 axes, Miniature robust construction, 5V or 8-16V Supply, Amplified output signal, Cable or connector electrical connection

• Track Mapping • Hub • Crash • Grounding • Vibration • Lean • Launch • Traction Control •

Contact or Non-contact measurements, Range: -30°C to 1200°C, Stainless steel/Aluminium/Brass construction, NTC thermistor/PT1000/Thermocouple/Infra-Red, Custom designs

• Oil • Water • Coolant • Fuel • Air • Brakes • Tyres • Clutch • Track • Exhaust • Engine • Gearbox •

Range: 1mm to 1000mm, Contact or Non-contact designs, Robust construction, Temperature up to 175°C. Linear or Rotary

• Turbo Speed • Ride Height • Suspension • Pedal • Crank • Piston • Tyres • Throttle • Wheel • Master Cylinder • Brake Disc • Clutch •

Range: $\pm 10\text{NM}$ to $\pm 1000\text{NM}$, Static or dynamic, Wireless or wired connection, Custom designs

• Drive Shaft • Steering • Suspension • Crash • Dyno • Wheel • Torsion Bars •

Designs using standard motorsport components/Cable/Heatshrink/ Connectors/Switches

• Sensors • Full Vehicle • Breakout Boxes • Components • Amplifier • Logger • Displays • Test Box • Control • Alarm Signal • Conditioner •

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Sense
Measure
Control

Sensing, Measurement and Control Solutions for Motorsport

KA Sensors, specialise in the design and manufacture of high performance sensors and instrumentation systems used in the demanding world of motorsport and automotive development. We have more than 30 years of application experience in a hugely diverse range of industries. We understand the requirements of your applications and will assist in selecting the best and most effective solution for your needs.

We offer a large range of high quality products available *off the shelf*. Also to complement our standard product range we offer a *custom design service* where we can work with you to supply a single component or complete system designed to match your exact requirements.

The quality control system at KA Sensors ensures that every product is designed and manufactured to strict documented procedures. We test and calibrate all items prior to shipment from our factory using fully traceable test equipment. For products that may be damaged during use we offer a repair or replacement service and also a return to base re-calibration service.

We have *technical partners and distributors* situated in the key motorsport countries around the world, who not only supply the full range of products from KA Sensors but also offer complimentary products and services.



Our customers include race teams and component manufacturers in:

**F1 – F2 – F3 – GP2 – GP3 – DTM – WSR – Formula Renault – INDY – WRC – WTCC – BTCC
GT – LeMans – ALMS – WEC – NASCAR – MotoGP – Superbike – Supersport – Drag Racing
– Supercars – Dakar – Landspeed – Powerboats – Americas Cup – and more...**

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