The Motorsport Sensor Manufacturer and Specialist

Spotlight on Pressure Transducers

ASL Series Standard Pressure Transducers

The **ASL** series are designed for the detection of fluid and air pressures .

Ideal for high precision data acquisition or control systems and offer a high level of reliability and endurance, they are protected against the high vibration, shock and high temperatures found in motorsport.

The modular construction and programmable amplifier provide a fast delivery time for standard and custom configurations. Pressure ranges are available between 1 to 400 bar.

The ASL series are race proven in many formula around the world and offer a reliable and cost effective solution for professional engineers.

- Compact Design
- 1 bar to 400 bar Range
- Ruggedised Construction
- Amplified Output
- 5V or 8-16V Supply

Click Here for More Info

ASH Series High Performance Transducers

The **ASH** Series have been designed to meet the needs of extreme endurance and high temperature installations on motorsport and automotive applications.

The transducers offer a high level of reliability and durability, they are protected against the high vibration up to 100g 5KHz, shock and high temperatures. Continuous operation up to 150°C allows for installation in hot zones often found in the engine area or on brakes.

The modular construction and programmable amplifier provide a fast delivery time for standard and custom configurations. Pressure ranges offered between 1 to 400 bar absolute or sealed gauge reference. Also compressed ranges such as 900-2400mar are available, typically used on air intake/boost.

For OEM applications we have many options available to customise these transducers.

Features

- High Accuracy ±0.25%
- 1bar to 400bar Range
- Ruggedised Construction
- 100g upto 5KHz vibration
- Amplified Output
- Various Pressure Connections

Click Here for More Info

KA Sensors Pressure Transducer Range

We have developed our range of Pressure Transducers to meet the high demands of motorsport and automotive application. All our transducers are ideal for high precision data acquisition or control systems.

The transducers can be installed directly onto vehicles and can be used as part of a test stand or dyno setup. Applications include **Coolant- Brakes - Water - Boost - Fuel - Oil** and are accurate to up to 0.2% Accuracy.

Various pressure fittings are available on all models along with industry standard 3 - wire electrical connections allow configuration with most common ECU's and data logging systems.

Need Sub Miniature?

The **ASUH** Series of sub miniature pressure transducers have been designed for demanding installations on motorsport and automotive applications.

This new design utilises miniaturised hybrid components which allow savings in size and weight. The transducer has an enhanced performance at elevated temperature and is optimised for extreme installations such as on-engine or transmissions.

The modular construction and programmable amplifier provide a fast delivery time for standard and custom configurations. Pressure ranges are available between 5 bar to 400 bar sealed gauge reference.

Features

- Sub Miniature Size
- 5 bar to 400 bar Range
- 0-5000Hz Bandwidth
- Lightweight 23gram
- +/- 0.25% Accuracy

Click Here for More Info

Call us to order : +44 (0)1476 568057 www.kasensors.com

KA Sensors Ltd, Unit14-15, The Old Malthouse, Springfield Road, Grantham. NG31 7BG