



Sense
Measure
Control

Model ASLHT Pressure / Temperature Transducer

- **Combination of Pressure/Temperature**
- **120psi to 3000psi Range**
- **300°F Operating Temperature**
- **5V or 8-16V Supply**
- **PT1000 Temperature Sensor**
- **0.2% Accuracy**



The ASLHT Series feature both pressure and temperature sensors within a single transducer package. This high accuracy transducer has been designed for use in demanding motorsport and automotive testing industries.

These are ideal for high precision data acquisition or control systems. The transducers can be installed directly onto vehicles or as part of a test stand or dyno.

The transducers offer a high level of reliability and endurance, they are protected against the high vibration, shock and high temperatures found in motorsport. Continuous operation up to 300°F allows for installation in hot zones.

The modular construction and programmable amplifier provide a fast delivery time for standard and custom configurations. Pressure ranges are available between 120psi to 3000 psi sealed gauge reference. Industry standard 3-wire electrical connections allow configuration with most common ECU's and data logging systems.

The ASLHT Series are race proven and can be found in many race formula around the world. For OEM applications we have many options available to customise these transducers at a sensible cost.

Typical applications include: Oil – Fuel – Coolant – Boost – Brakes - Air – Water

KA Sensors is a dynamic company with over 30 years of sensor and instrumentation experience in the motorsport industry. We offer a strong engineering led service to all of our customers, with speed of response and confidentiality being paramount.

Please contact us for further expert assistance with your application.

Process Measurement & Controls, Inc.- 11 Old Sugar Hollow Road – Danbury – CT 06810 - USA

Tel: 203-792-8686

Fax: 203-743-2051

Email: sales@pmc1.com

Web: www.pmc1.com

ASLHT.1012U

Specifications

- **Range: psi**
Standard ranges: 120, 150, 300, 1500, 3000
Sealed gauge
- **Safe Over Range**
150% of range
- **Burst Pressure**
>300% of range
- **Accuracy**
±0.2% FS combined linearity, hysteresis & repeatability
- **Thermal Effects**
Zero: ±0.006% FS/°F
Sensitivity: 0.006% of reading / °F
- **Output**
Pressure: 0.5V to 4.5V (others available)
Temperature: 2-wire PT1000
- **Supply**
5V (±0.5V) ratiometric or 8-16Vdc
- **Operating Temperature Range**
-4°F to +302°F
- **Compensated Temperature Range**
32°F to +302°F
- **Construction**
Stainless steel, Viton, FEP
- **Electrical Connection**
20" 55spec, 26AWG Cable +DR25 Sleeve
- **Thread size**
M10x1, 3/8-24UNF
- **Protection Class**
IP67
- **EMC Protection**
EN 50082-1
- **Vibration**
Mil-Std-810C, Curve L, 20G
- **Weight**
1.9oz (inc Cable)
- **Options**
Thread Size
Cable Length
Part Number Labelling
Connector Fitted

KA/PMC adopts a continuous development program which sometimes necessitates specification changes without notice

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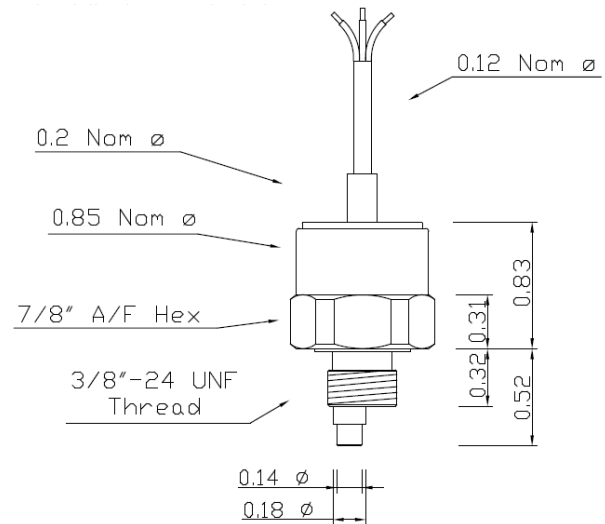
Web: www.pmc1.com

How to Order

- **Please provide information as below:**
Model: ASLHT
Range: psi
Supply Voltage
Thread size
Connector Fitted
Part Number Label

Standard Configuration

Dimensions in inches



Other Products

- **KA Sensors offer a wide range of products and services to the Motor Sport Industry.**
- **Sensors:** Pressure, Force, Torque, Temperature, Acceleration, Displacement, Angle, Speed
- **Other capabilities:** Telemetry, data logging, Electronics design, Controls, Wiring. Please contact us for additional information.

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