

Pressure Transducer Series ASL



- **Miniature size**
- **Ranges from 15 to 4500psi**
- **Rugged Construction**
- **0.5 to 4.5V output**
- **5V or 8-16Vdc supply**
- **-5 to 250°F operation**
- **Low Cost**

KA Sensors is a dynamic and flexible company offering over 30 years of sensor design and instrumentation experience to the demanding motor sports industry. Our founding principles are to provide a complete solution to our customers, with service and confidentiality being paramount.

The ASL series is an affordable range of miniature pressure transducers designed specifically for use in harsh motor sport environments. The modular construction and programmable amplifier have been designed to provide quick deliveries over a wide range of configurations.

We offer flexibility to customize the ASL series to meet the requirements of specific applications.

Typical applications include: **Fuel - Oil - Air - Coolant - Brakes - Water - more.....**

Please contact our expert technical staff to discuss your application

(See back page for specifications)

HEAD OFFICE



Process Measurement & Controls, Inc.

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Represented By:

www.pmc1.com

Specifications

■ Range

Standard Ranges: 15, 30, 50, 75, 100, 150, 300, 1500, 3000, 4500psi sg
Other ranges and units can be specified

■ Accuracy

±0.5% FS
Combined linearity, hysteresis and repeatability

■ Pressure Rating

Over-range (proof pressure): 1.5X FS for all ranges
Burst pressure: >3X FS for all ranges

■ Temperature Rating

Operating: -5 to 250°F (-20 to 125°C)
Compensated: 30 to 250°F (0 to 125°C)

■ Temperature Effects

TC Zero: ±0.022% FS /°F
TC Span: ±0.022% FS /°F

■ Electrical

Supply voltage: 5V ratiometric or 8-16Vdc
Output: 0.5 to 4.5V
Others possible, please consult the factory
EMC protection: EN 50082-1

■ Construction

Stainless Steel, alumina, Viton and FEP
Contact the factory for other materials

■ Mechanical

Vibration: Mil-Std-810C, Curve L, 20g.
Weight: 1.95oz (with 20" cable)

■ Mounting Connection

SAE -3 (3/8"-24UNF) or M10x1.
Others available, please contact the factory

■ Electrical Connection Options

20" standard length, 4 conductor PTFE sheathed cable
Longer lengths available

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

Other Products

■ KA/PMC offers a wide range of products for the Motor Sport Industry

■ Pressure

AS and ASM for different configurations and features.
ASMT for combination pressure and temperature.

■ Other Sensors

Comprehensive range of sensors are offered for the following measurements:
Load – Force – Torque – Temperature – Acceleration
Displacement - Speed

■ Other capabilities

The following support capabilities are available:
Signal Conditioning – Controls – Logging – more....

Please contact the factory for additional information

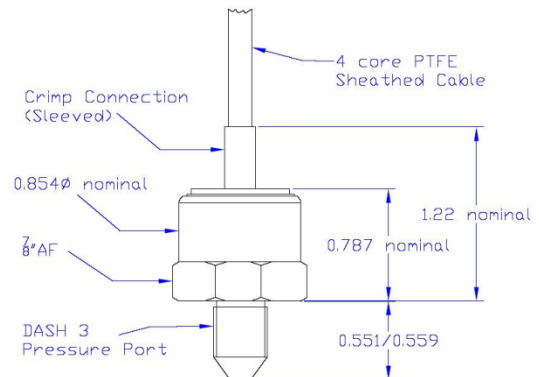
How to Order

■ Please provide the following:

Model No: ASL
Pressure Range: Standard or other
Mounting connection: 3/8"-24UNF(-3) is standard
Cable Length: 20" is standard
Special Requirements: Refer to factory

Standard Configuration

All dimensions nominal in inches



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