

Model ASL Pressure Transducer

- *Compact Design*
- *1 Bar to 300 Bar Range*
- *Ruggedized Construction*
- *Amplified Output*
- *5V or 8-16V Supply*
- *±0.5% Accuracy*



The ASL Series of cost effective high performance pressure transducers have been designed for the detection of fluid and air pressures in demanding test and measurement applications.

The modular construction and programmable amplifier provide a fast delivery time for standard and custom configurations. Pressure ranges are available between 1 bar to 300 bar in either sealed gauge or absolute reference. Industry standard 3-wire electrical connections allow configuration with most common ECU's and data logging systems.

The ASL Series are endurance proven and can be found in many test applications 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

Specifications

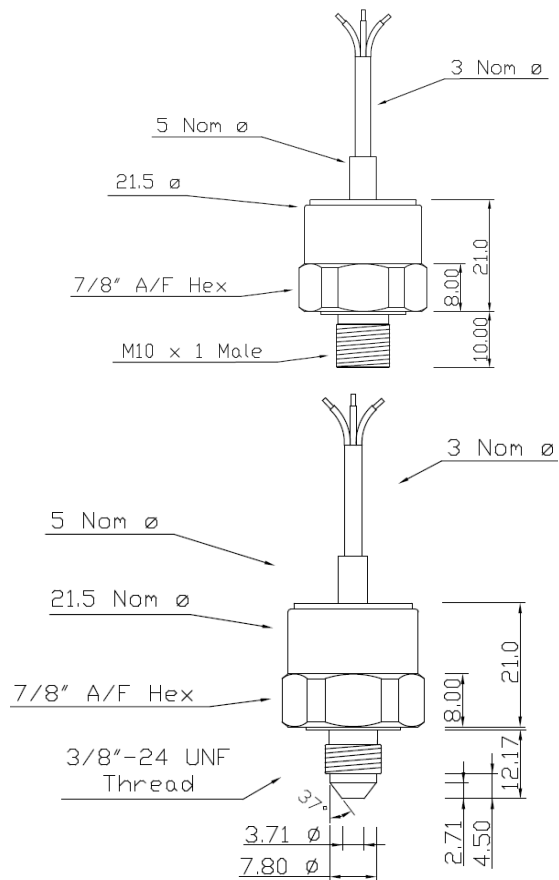
- **Range: Bar**
Standard ranges: 1, 2, 4, 5, 10, 20, 35, 50, 100, 200, 300
Sealed gauge or absolute
Equivalent in psi also available
- **Safe Over Range**
150% of range
- **Burst Pressure**
>300% of range
- **Accuracy**
±0.5% FS combined linearity & hysteresis
- **Thermal Effects**
Zero: ±0.04% FS/ °C
Sensitivity: ±0.04% of reading / °C
- **Output**
0.5V to 4.5V
- **Supply**
5V (±0.5V) ratiometric or 8-16V
- **Operating Temperature Range**
-20°C to +135°C
- **Compensated Temperature Range**
0°C to +125°C
- **Construction**
Stainless steel, alumina, Viton, EPDM
- **Electrical Connection**
50cm FEP insulated, 26AWG screened cable
- **Protection Class**
IP67
- **Pressure Connection**
M10x1, 3/8-24UNF(-3), 1/8 NPT
- **EMC Protection**
EN 50082-1
- **Vibration**
Mil-Std-810C, Curve L, 20G
- **Weight**
54g (inc Cable)
- **Options**
Range, Pressure connection, Cable length,
Connector fitted, Snubber, Aluminium case.
Part Number Labelling.

We adopt a continuous development program which sometimes necessitates specification changes without notice

How to Order

- **Please provide information as below:**
Model: ASL
Range: Bar
Supply Voltage
Pressure Connection

Standard Configuration



Other Products

- **We offer a wide range of products and services to the Test and Measurement 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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