

## ASMP SERIES STANDARD METRI-PACK PRESSURE TRANSDUCER



The ASMP Standard Series of High Performance Pressure Transducers have been designed for the detection of fluid and air pressures in demanding motorsport and automotive applications; ideal for high precision data acquisition or control systems.

With a modular construction and programmable amplifier, this provides a fast delivery time for standard and custom configurations.

Pressure ranges are available between 2 to 200 Bar in either Absolute, Gauge or Sealed Gauge reference.

The ASMP 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.

## TECHNICAL SPECIFICATIONS

<b>Pressure Reference</b>	Absolute, Gauge and Sealed Gauge
<b>Standard Pressure Ranges (Bar)</b>	2, 4, 5, 10, 20, 50, 100, 200
<b>Proof Pressure (Over range)</b>	150% of Range
<b>Burst Pressure</b>	>300% of Range
<b>Accuracy</b>	±0.5% FS Combined Linearity & Hysteresis (CNLH)
<b>Thermal Accuracy</b>	Zero ±0.04% FS/°C (Sensitivity ±0.04% of Reading /°C)
<b>Output</b>	0.5V to 4.5V (±0.5%)
<b>Supply</b>	5V (±0.5V) Ratiometric or 8-16Vdc
<b>Operating Temperature Range</b>	-20°C to +135°C
<b>Compensated Temperature Range</b>	0°C to +125°C
<b>Construction</b>	Alumina, EPDM, Stainless Steel and Viton
<b>Electrical Connection</b>	Metri-Pack (Packard) 3-Pin 150 Series Connector
<b>Process Connection (Thread Size)</b>	Please see Part Number Configurator
<b>Protection Class</b>	IP67
<b>EMC Protection &amp; Vibration</b>	EN E50082-1 and Mil-Std-810C, Curve L, 20G
<b>Weight</b>	42g
<b>Options</b>	Mating Half Connector, Thread Size and Labelling

KA Sensors adopts a continuous development program which sometimes necessitates specification changes without notice.

## Sensors For Motorsport

### Features

- Built-In Connector
- Compact Design
- 2 to 200 Bar Range
- Rugged Construction
- ±0.5% Accuracy

### Applications

- Coolant
- Brakes
- Water
- Boost
- Fuel
- Oil

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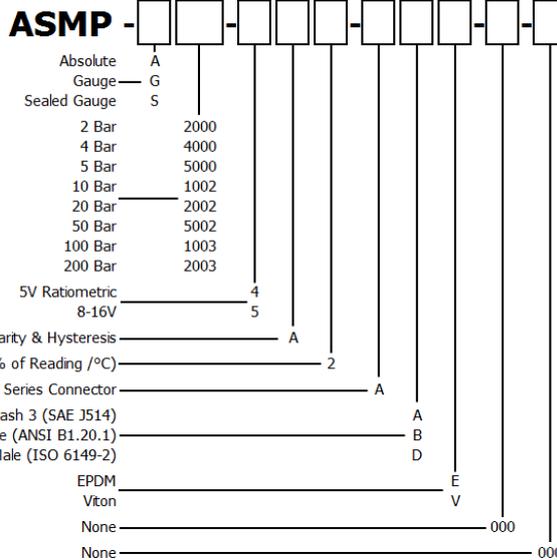
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# PART NUMBER CONFIGURATOR

Pressure Reference



Pressure Range

Supply Voltage

Accuracy (CNLH)

Accuracy (Thermal Shift)

Electrical Connection

Process Connection

O-Ring Material (Internal)

Special Code 1

Special Code 2

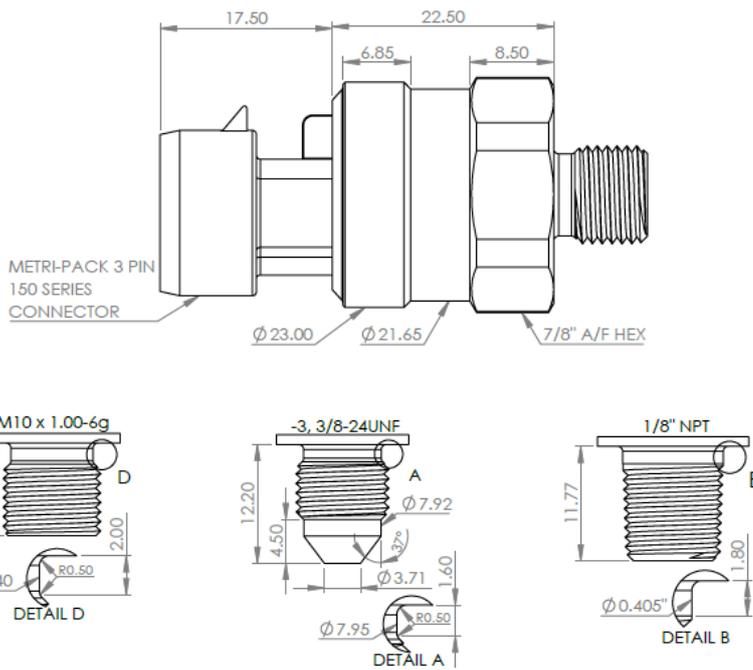
The KA configuration tool is used to specify a standard KA Sensor, other options are available.

Sense  
Analyse  
Control

Services for:

- Data Logging
- Telemetry
- Controls
- Wiring

## MECHANICAL DETAILS



## Contact us

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## CONNECTION DETAILS

