



Taiwan Jets Manufacture Co. Ltd.  
Non-Red Supply Chain Product Line

TJMC

# AIRSPEED SENSOR

## Tech. Spec.

<b>Sensing type</b>	Digital pressure/temperature sensor, factory calibrated + temperature compensated, PCB mounted; suitable for airspeed measurement.
<b>Measurement range</b>	1 psi
<b>Interface</b>	I <sup>2</sup> C Digital output
<b>Resolution</b>	Pressure 14-bit, temperature 11-bit.
<b>accuracy</b>	TEB ±1% Span ; 25 °C ±0.25% Span ◦
<b>Power</b>	3.3 V or 5.0 V ( Single power supply ) ◦
<b>Operation Temp.</b>	Recoup -10 ~ 85 °C ; Operation -25 ~ 105 °C ◦
<b>Update rate</b>	Typical 0.5 ms; Power-on to readable 8.4 ms
<b>media</b>	Dry, non-corrosive gases; 1/8" barbed nozzle with 3/32" inner diameter hose ◦
<b>Pressure limit</b>	Common mode pressure ≤ 300 psi
<b>System compatibility</b>	ArduPilot airspeed : ARSPD_TYPE=1
<b>Content of Set</b>	Sensor board, pitot tube, tubing, connecting cables

