

PITOT STATIC PROBE (PSP)

This small Pitot Static Probe (PSP) is heated and measures dynamic and static pressures. It is lightweight and compact and can be tailored to various commercial application requirements. In addition this rugged Pitot Static Probe (PSP) has a built in temperature regulator that reduces aircraft power requirement.

Features

- Easily adaptable to various FAR Part 23 aircrafts.
- Lightweight and compact (0,630 inch diameter)
- Low power consumption (150W max.)
- Integrated boom holder
- Input Voltage 28 VDC
- Built in Overvoltage Protection
- Anti-Icing and De-Icing Capability
- Internal Control module regulating deicing power requirements
- Probe cover protection
- No scheduled maintenance required
- UAV application



PITOT STATIC PROBE
Model ADI-25800-000

The Pitot Static Probe (PSP) was tested to provide dynamic and static pressures for speed and altitude respectively up to 125kts and 25,000fts and under the most severe icing conditions (FAR-25 C).

Extended altitude and speed range on request.

The PSP is designed to operate in harsh vibration environment (RTCA/DO-160D Section 8, Category S).

GENERAL SPECIFICATIONS*

Operating Voltage	Nominal 28 VDC (+ 24 VDC to 30 VDC)
Weight	0.250 kg
Finish	Probe head: nickel finishing Boom: clear hard anodizing
Mating Connector	J1 connector to mate with SCE-B-76A06-07SN-002 or other (on request)
Environmental Qualifications	RTCA/DO-160D
Operating Temperature	-50°C to +55°C
Storage Temperature	-55°C to +71°C
Reliability	MTBF greater than 10,000 hours

*Specifications subject to change without notice. Some details may vary with model number.

Outline Drawing

