

AIR DATA PROBE (ADP)

This heated Air Data Probe (ADP) measures dynamic and static pressures. Manufactured in three different lengths, it can be used on various low speed aircraft.

Features

- Easy to install on various types of aircraft
- Robust design (1.25 inch diameter)
- Mounting section for collar installation
- Anti-icing capability (197 +/- 14W)
- Probe cover protection included
- No scheduled maintenance required
- Main head compliant to AN5816 and SAE AS393



Model ADI-24470-00X

The Air Data Probe (PSP) was designed to provide dynamic and static pressures for speed and altitude respectively up to 250 kts and 45,000 ft. under severe icing conditions.

The ADP is designed to operate in harsh vibration environment per MIL-STD-810F.

The ADP is maintenance free and does not require any adjustment, disassembly or calibration to maintain high performances.

GENERAL SPECIFICATIONS*

Operating Voltage	Nominal 28 VDC (+/- 4 VDC)
Weight	2.3 lbs (1.044 kg)
Finish	Probe head: AN5816 Extension tube: clear hard anodizing
Mating Connector	D38999/26WA35PB (Mate with D38999/24WA35SB)
Pitot Port	Mate with AS4395-4
Static Port	Mate with AS4395-6
Operating Temperature	-55°C to +50°C
Storage Temperature	-45°C to +71°C
Reliability	MTBF greater than 10,000 hours

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

CONFIGURATION

P/N	Extension Tube Length	Probe Length
ADI-24470-000	22.0 in	30.5 in
ADI-24470-001	29.3 in	35.8 in
ADI-24470-002	14.1 in	22.6 in

Outline Drawing

