



Honeywell Air Data Modules set the standard for affordable, high performance air data solutions

Air Data Module

The RVSM compliant Air Data Module (ADM) family of products provide digital pressure signals to various aircraft systems. Found globally on many Air Transport, Regional, Business Jet, and Helicopter platforms, Honeywell ADMs are clearly the component of choice based on a number of high-performance features:

- Proven solid-state silicon sensor technology provides long-term stability
- Modular-design optimized for cost-effective new build and retrofit applications
- Extensive Field History with long service life
- 0.02% FS accuracy
- 98% BIT coverage



	PG1152BC	HG1152AA/DA	HG1153CA	HG1153DA	HG1154
Sensor Details:					
Sensor range	Ps: 32 in Hg or Pt 41 In Hg	Ps: 32 in Hg or Pt 41 In Hg	Ps: 32 in Hg or Pt 41 In Hg	Ps: 32 In Hg	Ps:41 in Hg, Pt:90 in Hg
No. of Sensors/Channels	1	1	2	2	2
Power	±13.5 VDC, 3 W	±13.5 VDC, 3 W	28 VDC, 3 W	±13.5 VDC, 3 W	15V or 5V DC, 2W
Chassis Included	Yes	Yes	Yes	Yes	No
Weight (w/o fittings)	1.5 lbs / 0.65 kg	1.5 lbs / 0.65 kg	1.6 lbs / 0.71 kg	1.5 lbs / 0.65 kg	0.5 lbs / 0.24 kg
Dimensions:					
L x W x H inches	4.4 x 6.2 x 2.0	4.4 x 6.2 x 2.0	4.4 x 6.2 x 2.0	4.4 x 6.2 x 2.0	4.5 x 2.5
L x W x H mm	112 x 153 x 51	112 x 153 x 51	112 x 153 x 51	112 x 153 x 51	114 x 63.5
Software: RTCA/DO-178B	Level A	Level A	Level A	Level A	Level A
Altitude Range:	-2,000 ft to +50,000 ft	-2,000 ft to +50,000 ft	-2,000 ft to +50,000 ft	-2,000 ft to +45,000 ft	-2,000 ft to +50,000 ft
Environment: DO-160	G	F	G	F	D
Digital Communication:					
Input: EIA-485 maint/test	None	None	None	None	Ps, Pt, Maint Data
Output: ARINC 429	Ps, Pt, Maint Data	Ps, Pt, Maint Data	Ps, Pt, Maint Data	Ps, Pt, Maint Data	None
Analog and discrete outputs ADT valid	Yes*	Yes*	Yes*	Yes*	Yes*
Certification:					
TSO-C106	Yes	Yes	Yes	No	No

* Based on the Failure Warning

Customer Support

Honeywell is dedicated to supporting our customers' needs with international representative support in over 180 countries. For existing customers and for new enquiries, customer service is available by visiting our web page, listed below, for current contact information.

Aftermarket Services

Services include calibration, repairs and rental exchanges serviced by our factory technicians.



ENHANCES SAFETY

Built-in-testing and high accuracy sensors maximize altitude and airspeed measurement safety.



INCREASES AVAILABILITY

High MTBF means less unplanned downtime and increased fleet readiness to support on-time operations.



REDUCES COSTS

Our Air Data products substantially cut direct maintenance costs over the life cycle of the aircraft through reduced spares inventory, infrequent periodic calibration and minimal required maintenance equipment.

Honeywell Aerospace

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