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

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

* 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.

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C61-0125-000-003
January 2015
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