AIRCRAFT DIGITAL INSTRUMENTS

ADI RH60-A TACHOMETER/HOUR METER GAUGE

The RH60-A RPM/Engine hours/Elapsed time gauge is a four digit digital display of engine RPM, total engine hours and elapsed time. The RH60-A works with any engine and can be driven from a wide range of tacho signal frequencies and amplitudes. Front panel calibration is provided for spot-on accuracy to +/- 1RPM. A separate engine hours countdown alarm can be set to remind you of upcoming oil change or 100 hr maintenance due. A high RPM alarm can be set, and the RH60-A keeps track of the maximum RPM seen. When activated, the RH60-A built-in 85dB alarm will sound and the display will flash. Five levels of backlighting can be selected from, and thirteen levels of display dampening. All calibrations, alarm values and max RPM are saved to a nonvolatile memory. Terminal C can be programmed as an External Alarm output if so desired.   P/N 10-02879...........................

ADI MAP60-A MANIFOLD PRESSURE GAUGE

The MAP60-A, Manifold Absolute Pressure Gauge provides an accurate digital display of your engine's intake manifold absolute pressure. Commonly found and used in high performance aircraft with constant speed propellers, and/or with boost devices such as super and turbochargers. The MAP60-A is set up to use the UMA 5-60 InHg absolute pressure transducer. The display will show manifold pressure in tenth of an inch increments, from 5.0 to 60.0 InHg. The LOW and HIGH user settable alarms can be set over the entire range. The HIGH alarm in this case might be set to alert the pilot to a "OVERBOOST" condition. When activated the built-in 85dB alarm will sound and the display will flash. The External Alarm output would most likely be used to activate an annunciator/warning "OVERBOOST" condition light. Five levels of backlighting can be selected and then all setup, and alarm values will be saved to a nonvolatile memory.   P/N 10-02872...........................

ADI DIGITAL PRESSURE GAUGES

The P60-A DIGITAL PRESSURE GAUGE, can be used to display ENGINE OIL(AO), DRIVE OIL(ADO), WATER(AW), or FUEL(AF) pressures in PSI or Bars. It has built-in calibration curves for most popular senders manufactured by VDO, Teleflex, and Stewart-Warner (sender not included). The sender type is easily selected with the front panel keys. LOW and HIGH pressure alarms can be set over the entire range of the instrument/sender. When activated the P60-A built-in 85dB alarm will sound and the display will flash.

Five different levels of internal backlighting can be selected, and then all setup, calibrations, constants, alarm values, sender type, and lighting level are all saved to a nonvolatile memory. Terminal "C" comes Factory preset to use as an External Alarm signal. This 5V,10mA signal voltage could be used in conjunction with the optional ER-1A electronic relay to control a backup/secondary piece of equipment (electric water pump / fuel pump) or simply used to illuminate a panel warning light. NOTE: Alarm functions must be activated or enabled to utilize them.

Engine Oil Pressure Gauge...................... P/N 10-02874........................   Drive Oil Pressure Gauge............................ P/N 10-02875.......................
Water/Coolant Pressure Gauge .... P/N 10-02876........................   Fuel Pressure Gauge .... P/N 10-02877 ....
Hydralic Pressire Gauge (with sender)..... P/N 10-02878........................

ADI DIGITAL TEMPERATURE GAUGES

The T60-A **DIGITAL TEMPERATURE GAUGE** provides an accurate digital display for Engine Oil(AO), Drive Oil(ADO), or Engine Water(AW) TEMPERATURES in either degrees F or C. It has built-in calibration curves for most popular senders manufactured by VDO, Teleflex, Stewart-Warner, and others(senders not included). Sender type is easily selected using the front panel keys. LOW and HIGH temperature alarm limits can be set over the entire range of the instrument/sender. When activated, the built-in 85dB alarm will sound and the display will flash. The alarm can be enabled or disabled with a single key press. Five different levels of internal backlighting can be selected. Then all setup, calibrations, constants, alarm values, sender type, and lighting level selected are all saved to a nonvolatile memory. Terminal "C" can be programmed as an External Alarm output.   Engine Oil temperature Gauge......... P/N 10-02881 ....
   Drive Oil Termperature Gauge.............. P/N 10-02882........................   Water/coolant temperature Gauge ... P/N 10-02883 ....

The PY60-A **DIGITAL EGT/CHT GAUGE** works with both J and K type thermocouples to provide accurate monitoring of your engine's cylinder head or exhaust gas temperatures, from -4-2012F (-20-1100C). LOW and HIGH temperature alarm limits can be set from 32-2012F (0-1100C). When activated, the built-in 85dB alarm will sound and the display will flash. The highest temperature seen is automatically saved to a nonvolatile memory, and can be displayed or reset at any time. Five different levels of internal backlighting can be selected, then all setup, calibrations, and constants are also saved to nonvolatile memory.
                          Exhaust CHT Gauge .... P/N 10-02884........................   Exhaust EGT Gauge .... P/N 10-02885 ....

ADI DIGITAL FUEL GAUGES

The FU60-A **DIGITAL FUEL QTY / FUEL FLOW GAUGE** provides a highly accurate digital display of fuel remaining, trip fuel, total fuel used, fuel flow consumption rate, and "Time Remaining" at the current rate of flow. Fuel can be displayed with a resolution of 0.1 liters or gallons or as a percentage (0-100%). The FU60-A "learns" your tank and fuel sender characteristics, and is accurate with any tank shape. It is compatible with all popular resistive fuel senders, both American and European. LOW and HIGH fuel level alarm limits can be selected, then all setup, calibrations, constants, alarm values and sender type are saved to a nonvolatile memory. The FU60-A output signal on Terminal "C" may be programmed to activate an External Alarm (panel warning light)(see ACCESSORIES)... or possibly a fuel transfer pump. Should the desired "fuel transfer" mode be selected, (tFEr) the pump would turn ON at the user selected LOW limit alarm setting... and OFF when the HIGH limit alarm set point is reached. The FU60-A's display will also flash during pump operation. The **F60-A** DIGITAL FUEL GAUGE provides an accurate digital display of fuel remaining, trip fuel and total fuel used. Fuel remaining can be displayed up to 6550 liters or gallons, or as a percentage (0-100%) with user selectable display dampening to help prevent unwanted fluctuations in rough air. The gauge display will flash during the pump's operation.
   Fuel Gauge F-60-A (pictured).................P/N 10-02868 ....   Fuel Flow Gauge FU-60-A............... P/N 10-02869 ....

ADI V60-A VOLTMETER

The V55-A Battery/System Voltage Monitor gauge provides an accurate low cost digital instrument for battery/ system voltages between 9.5-33.0 VDC. You can set independent LOW and HIGH voltage alarms. The V55-A built-in 85dB alarm will sound and the display will flash. Five levels of backlighting can be selected and then all setup, calibration constants and alarm values are saved to nonvolatile memory. Terminal C can be selected and used as an External Alarm output signal. (5V, 10mA max). P/N 10-02886...............................

ADI AM60-A DIGITAL AMMETER

The AM60-A Digital Ammeter provides an accurate low cost digital instrument for monitoring your aircraft's electrical load (amps), and is programmable to use a 5.0 to 900 amp shunt. (available separately). Up to 90.0 amps the AM60-A can display your load current in tenths of an amp. Above 90 amps current is displayed in full amps. The AM60-A can be powered by any voltage between 9.5 and 33.0 Volts. Five levels of backlighting can be selected using the front panel keys and backlighting can be turned ON/OFF remotely. All setup, calibrations, and constants are saved to nonvolatile memory. .... P/N 10-02864 ....
Ammeter With 150A Shunt.......................P/N 10-02932........................   ADI AM60 85AMP Shunt only .... P/N 10-02893 ....

ADI CT60-A CLOCK / TIMER

The CT60-A Clock/Timer is an accurate 12/24 hour format clock with a resettable down-counting timer with eight time-of-day settable alarms. The clock is Factory calibrated, but can be adjusted with the front panel switches and calibrations saved to nonvolatile memory. The clock is accurate to within five seconds per day, and is Factory calibrate to within one second per day. The CT60-A has a large LCD display, yet draws only 0.018 amps. Five levels of backlighting can be selected and all setup, calibration constants and alarm values are saved in nonvolatile memory. .... P/N 10-02865 ....

ADI-CRUZ PRO DIGITAL ACCESSORIES

Description	Part No.	Price	Description	Part No.	Price
6061 8 Hole, Aluminum Gauge Cluster	10-02890	.	Electronic Relay - ER-1A	10-02887	.
6061 6 Hole, Aluminum Gauge Cluster	10-02889	.	DC Ammeter Shunts	10-02893	.
Hydraulic Pressure Transducer TDM2500	10-02888	.	Type K Thermocouple AD-2000TK	10-02895	.

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