

UMA ENGINE GAUGES



2-1/4 inch
UMA Electronic
Oil Pressure Gauge
Case: Valox 420
Plastic
Weight: 4.7 oz.

UMA 2-1/4" ELECTRONIC OIL PRESSURE 270° GAUGE

Electronic Oil Pressure Gauges connect to a pressure transducer and connects to the gauge with wires. Standard dial markings are black and white.

- 2-1/4", 0-60 PSI, TSO'd... P/N 10-02415
- 2-1/4", 0-80 PSI, TSO'd... P/N 10-02416
- 2-1/4", 0-100 PSI, TSO'd... P/N 10-02417
- 2-1/4", 0-100 PSI P/N 10-02424
- 2-1/4", 150 PSI..... P/N 10-02761

**SENDER NOT INCLUDED
SEE NEXT PAGE FOR SENDERS**



DATCON OIL PRESSURE SENDER

Thread sizes: 1/8"-27 NPTF, #10-32 terminals, Common ground through mounting thread, 0-80 psi/0-5 bar range and 240-33.5 Ohms. P/N 10-05329



2-1/4 inch
UMA Electronic
Fuel Pressure Gauge
Case: Valox 420
Plastic
Weight: 4.7 oz.

UMA ELECTRONIC FUEL PRESSURE 270° GAUGE

Electronic Fuel Pressure Gauges connect to a pressure transducer and connects to the gauge with wires. Standard dial markings are black and white.

- 2-1/4", 0-7 PSI, TSO'd..... P/N 10-02412
- 2-1/4", 0-15 PSI, TSO'd... P/N 10-02413
- 2-1/4", 0-60 PSI, TSO'd... P/N 10-02414
- 2-1/4", 0-30 PSI P/N 10-02422

**SENDER NOT INCLUDED
SEE NEXT PAGE FOR SENDERS**



2-1/4 inch
UMA Electronic
Hydraulic Pressure Gauge
Case: Valox 420
Plastic Weight: 4.7 oz.

UMA ELECTRONIC 2-1/4" HYDRAULIC PRESSURE 270° GAUGE

Electronic Hydraulic Pressure gauge connects to a precision, high pressure transducer which mounts directly to the aircraft's hydraulic system. Standard markings are black and white. 2-1/4", 0-2000 PSI, TSO'd..... P/N 10-02459

**SENDER NOT INCLUDED
SEE NEXT PAGE FOR SENDERS**



2-1/4 inch
UMA Electronic
Oil Temperature Gauge
Case: Valox 420
Plastic Weight: 4.8 oz.

UMA 2-1/4" ELECTRONIC OIL TEMPERATURE 270° GAUGE TSO'D

These rugged aircore gauges work with either thermocouple or thermister probes. Standard markings are black and white.

100-300° F, TSO'd..... P/N 10-02443

**SENDER NOT INCLUDED
SEE NEXT PAGE FOR SENDERS**



P/N 10-02057
2-1/4", 100-600 °F - 90° sweep for use with thermocouple powered aircraft ... P/N 10-02429
2-1/4", 100-600 °F - 270° sweep for use with internal powered aircraft P/N 10-02057

UMA ELECTRONIC 2-1/4" CHT 270° GAUGE

These gauges are available for either thermocouple or thermister probes. Standard markings are black and white.

2-1/4", 100-300 °F - compatible with VDO P/N 10-02426

2-1/4", 100-600 °F - 90° sweep for use with thermocouple powered aircraft ... P/N 10-02429
2-1/4", 100-600 °F - 270° sweep for use with internal powered aircraft P/N 10-02057

TYPE J CHT PROBES

- 10mm Spark Plug Ring P/N 10-00960
- 12mm Spark Plug Ring P/N 10-00961
- 14mm Spark Plug Ring P/N 10-00962
- 18mm Spark Plug Ring P/N 10-00963
- 3/8"-24 Bayonet w/snap P/N 10-00795

UMA TSO'D TEMPERATURE PROBES

- T3B1 1/8 NPT TSP Type K with 6' Lead P/N 10-05164
- T3B2 3/8-24 TSO Type K with 6' Lead P/N 10-05165
- T3B3 5/8-18 TSO Type K with 6' Lead P/N 10-05166
- T3B3A 5/8-18 TSO Type K with 6' Lead P/N 10-05167
- T3B11 1/4-18 TSO Type K with 6' Lead P/N 10-05168



UMA ELECTRONIC 2-1/4" WATER TEMPERATURE 270° GAUGE

2-1/4 inch UMA Electronic (UMA P/N T12212U300-F000) Water Temperature Gauge Range: 100-300°F TSO2-1/4", 100-300°F TSO'd.

P/N 10-02428

UMA ELECTRONIC 2-1/4" CARBURETOR AIR TEMPERATURE 270° GAUGE

These gauges use either thermistor or electronic sensors. Standard markings are black and white.

- 2-1/4", -60-120 °F TSO'd... P/N 10-04670
- 2-1/4", -20-120 °F P/N 10-02391



UMA TSO'D 2-1/4" CARBURATOR AIR TEMPERATURE GAUGE

TSO'd Carburetor Temperature 2 1/4" gauge. Range from -60 - 120°F. **Note:** This is the standard black and white gauge. For color range markings as shown you must add the color range markings part no. to your order..... P/N 10-03465

UMA Color Range Markings..... P/N 10-02792



UMA 2-1/4" ELECTRONIC MANIFOLD PRESSURE 270° GAUGE

Electronic Manifold Pressure gauges connect to a pressure transducer which connects to the aircraft's engine and indicates the absolute pressure in the intake manifold of the aircraft. These units are very precise and avoid plumbing issues. Standard markings are black and white.

- 2-1/4", 5-35 IN. HG..... P/N 10-02389
- 2-1/4", 5-50 IN/ HG..... P/N 10-02390

SENDER NOT INCLUDED SEE NEXT PAGE FOR SENDERS



UMA 2-1/4" ELECTRONIC OUTSIDE AIR TEMPERATURE

The digital Outside Air Temperature (O.A.T.) is available in either Fahrenheit or Celsius. Standard models use a Red LED display.

- 2-1/4", -40-60 °C, 270° P/N 10-02387
- 2-1/4", -40-140 °F, 270° P/N 10-02388

SENDER NOT INCLUDED SEE NEXT PAGE FOR SENDERS

UMA DUAL AMP/VOLTMETERS

These 2-1/4" dual amp voltmeters are ideal for any aircraft where panel space is limited. Amperage is displayed at all times, and simply push a button to display voltage. Complete with gauge and shunt. Voltage range 0-30 volts.

- Range: 30 amp..... P/N 10-14680
- 60 amp..... P/N 10-14685
- 80 amp..... P/N 10-14690
- 100 amp..... P/N 10-14695
- 0-150 amp..... P/N 10-00082

UMA Optional internal lighting..... P/N 11-07239



AMMETERS

These new manufactured ammeters offer accuracy, rugged construction, and contemporary styling. Made in U. S. A. Furnished with shunt. Size: 2-1/4".

- Range: 0-30 (0 center).... P/N 10-14650
- 0-60 (0 center).... P/N 10-14655
- 0-80 (0 center).... P/N 10-14660
- 0-100 (0 center).. P/N 10-02788

REPLACEMENT UMA AMMETER SHUNTS 30/60/80/100AMP

- UMA Ammeter shunt 30AMP, 60AMP, 80AMP, and 100AMP.
- Shunt 30AMP 1C1 P/N 10-02072 Shunt 60AMP 1C2 P/N 10-02073
- Shunt 80 AMP 1C3 P/N 10-02352
- Shunt 100AMP 1C4 P/N 10-02074

UMA NON-CERTIFIED LIGHT INVERTER

- UMA 24/28v & 12/14v DC TO 120 VAC/400 hz Light Inverter large capacity. Non FAA/PMA
- 12/14 Volt..... P/N 10-07131
- 24/28 Volt..... P/N 10-07132



UMA OPTIONAL INTERNAL LIGHTING

Optional internal lighting for all UMA 2-1/4", 3-1/8" instruments (except altimeter). This is just a lighted option. Order the instrument in addition to the internal lighting. P/N 11-07239