



Electronic Manifold Pressure Indicator w/wires

For use with UMA 1EU50A Sender

Description:

A manifold pressure gauge indicates the absolute pressure in the intake manifold of the aircraft. Used in conjunction with the tachometer, the pilot can maximize the performance of the engine.

Note: UMA P/N N1EU50A absolute pressure sender is required for this instrument.

Installation:

Install Pressure sender on engine. Mount the instrument in the aircraft panel.

Use a shielded cable of suitable quality and heat rating for use in an aircraft engine compartment!

- 1) Connect Blue-Wht wire & shield of sender to Blk wire of instrument.
- 2) Connect Blk Wire of instrument to aircraft ground.
- 3) Connect White wire of sender to White wire of instrument.
- 4) Connect Org-Wht wire of sender Yellow wire of instrument.
- 5) Connect Red wire of instrument to aircraft power thru a 500mA or 1A fuse.

Note: Lycoming engines have a port in each cylinder which may be used for either a primer or a manifold pressure connection.

Testing:

With engine off and power switch on, check pointer reading. Gauge should be indicating barometric pressure within .3" Hg. (This is not the same as the Altimeter setting pressure that is provided by airports and weather reports.)

Specs:

Gauge:	Power	14 and 28V system
	Current draw:	100mA
	Accuracy:	±2% of full scale
	Weight:	4 ÷ 8oz.
Sender:	Power:	+12V from the gauge
	Current draw:	10 mA
	Fitting:	Male & female 1/8"-27 NPT
	Weight:	2.0 oz.

Warranty

UMA, Inc. warrants all products to be free from defects in material and workmanship under normal use and operation. UMA does not warrant any product which has been damaged as the result of accident, abuse, negligence, improper operational voltage, lightning, fire, flood, or other acts of nature. Any indication that the unit has been opened can void warranty. Under no circumstances shall UMA be liable for any loss or damage, direct, consequential or incidental, arising from the use of or inability to use this product.

This warranty is limited to the repair or replacement, at the manufacturer's option, of any product or part thereof, which has been returned to UMA within the specified warranty period, and which after examination shall disclose to the customer service department's satisfaction that the product is defective. Transportation to the factory or authorized service center must be prepaid; the product after repair or replacement will be returned at the expense of the dealer or end customer.

This warranty does not apply to any product or integral part thereof, which has been altered or serviced by other than the manufacturer or authorized service center. The warranty period is twelve (12) months to the user.

This warranty supersedes all other warranties either expressed or implied and shall be governed and executed under the laws of the Commonwealth of Virginia, USA