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Rotax 912 / 914 Tachometer (19-805-20B / 19-505-20B)

Installation Instructions:

1. Mount tachometer in the instrument panel.
2. Connect a twisted pair, or shielded cable to the two wires of the tachometer output coil.
3. Route this cable to the tachometer. Be sure to route cable away from any source of heat or high voltage.
4. Connect the white wire of the tachometer to one of the wires from the output coil, and connect the other wire from the output coil to the same ground point used by the tachometer.
5. Next, connect the Red wire from tachometer to power source of plane. Use an inline 1 amp fuse or circuit breaker. It's best to connect power to master switch, switched side. Then, connect the Black wire to common ground of engine.

NOTE: If tachometer reads low or is erratic, check engine pick-up sensor. Sensor maybe rusty or misaligned, clean and realign as necessary. If the tachometer's needle pegs when engine is running, install a 200 to 680 ohm ½ Watt resistor between the white wire of the tachometer and ground, starting from higher resistance.

Fuse (Power):	1 Amp Fast Acting
Current Draw:	2 1/4" pivot & jewel = 50 mA max, aircore = 110 mA max
	3 1/8" pivot & jewel = 70 mA max
Supply Voltage:	+10 to +28 Volts D.C.

NOTE: All 3 1/8" tachometer with internal hourmeter are set to record hours above a set RPM. Standard set point for tachometer is 1800 RPM's. Other set points available upon request.

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 serve 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, U.S.A.