TACHOMETER FOR ROTAX ENGINES 912/914 (SERIES) IM-105

Preface

The IM-105 instruments have been designed especially to measure the RPM in Rotax® engines 912 and 914.

The IM-105 is available in 57 mm size.

The instruments have been designed to work with both 12V and 24V systems.

The minimum instrumentation requirements for BRP_ROTAX® four stroke engines include a gauge for continuous RPM monitorization.

General Information

ATTENTION : The IM-105 has not undergone any safety or durability examination to Civil Aviation standards but does incorporate the latest technical development and has been thoroughly tested. Despite the Tachometer being a precision instrument, false indication or misinterpretation of data could occur. By utilizing this instrument the user acknowledges the possible danger and responsibility for all risks.

State of receipt

- Instruments packed in a plastic bag
- 4 attachment screws
- 3 Loose plugs

Technical data

Case:	Plastic
Weight:	220g
Suitable for:	Rotax 912/914 Pick-up
Power Supply:	10..30VDC
Power Current:	0.1 Amp. Max.
Scale:	0..7000 rpm
Subdivision scale:	200 rpm each
Max. Deviation:	2%
Dimensions:	See sketch
Calibration:	Calibrated by the manufacturer prior to shipment.
Red Zone*	From 0 to 1.200 and from 5.800 to 7.000 rpm
Yellow Zone*	1.200 to 1.800 & 5.500 to 5.800 rpm
Green Zone*	1.800 to 5.500 rpm

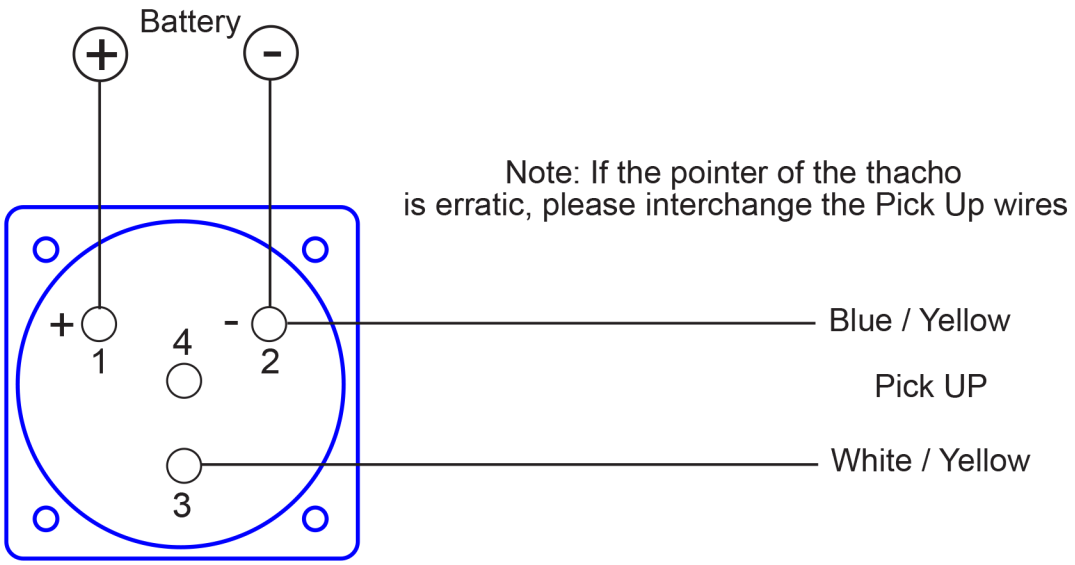
*Please refer to the updated User Manual of your engine

Installation Instructions

- Install instruments in pilot´s field of vision, free from vibration and glare.
- Protect the instruments against dampness and any kind of gasoline or acid.
- Pay attention to installation dimensions
- Wiring has to be carried out with good quality plastic-sheathed cable.
- When routing cables, prevent possible damage to cables from heat, vibration, shearing or crushing.
- Install a breaker or fuse of 1 Amp.

Instruments Terminals
1) (+) Red wire to positive terminal of battery.
2) (-) Black wire to negative terminal of batery.
3) Input to the tacho Pick-Up.
4) Factory calibration input.

Wire Connections



Dimensions