

UK/US Version**E-Screen instrument connections Reminder**

Be careful, this is a view from the back of the instrument, as you can see it when you wire it.

The “A” connector, is upper one and has 10 pins.

The “B” connector, is lower one and has 12 pins.

A sticker at the back of the instrument and onto the connectors themselves, remembers these pinouts

In case of doubt, please contact your reseller or the E-Props service.

**Be careful when wiring your instrument;
Any inversion in the wiring could be damaging to the internal electronics.**

For your safety and that of your equipment, the two connectors cannot be reversed on themselves or interchanged!

It is recommended to wire the connectors BEFORE attaching them to the instrument.

The instrument must imperatively be connected to the aircraft battery through a **3 A fuse or breaker.**

A Connector (Upper)

Ext-Pot +	Ext-Pot -	N/C	N/C	GND	One -Wire	Out + 3,3 V	+ RPM HI V.	- RPM	+ RPM Lo V.
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B Connector (Lower)

N/C	GND	MAP Signal	Out + 5 V	OP	WT	OT	+ S.V.	- S.V.	+ BAT	- BAT	Air Speed
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Note 1 :

- * + **RPM Lo V.** is the input for connecting an RPM sensor with 5V or 12 V output
- + **RPM HI V.** is the input for connecting an RPM sensor delivering pulses up to approximately 100V.
- * If the "e-sense" alternator / RPM adapter supplied by E-props is used, connect its "OUT RPM" output to the + **RPM Lo V.** input of the E-Screen.

Note 2: the slots marked **N/C** are reserved for future extensions.

It is recommended to leave them unconnected, not to connect them to an electric voltage source or to the ground.

Note 3 : the item denoted **Ext-Pot** represents the option for control by external potentiometer.
If you are not affected by this option, please ignore this connection.

If you wish to obtain this option, please contact E-Props.

Note 4 : the slots marked **OP**; **WT**; and **OT** are respectively the connections for the, Oil Pressure, Water Temperature, and Oil Temperature sensors.**Note 5 : MAP** represents the connections of the engine intake pressure sensor located in the engine compartment.

It is mandatory to respect the order of its three wires:

Red = + 5Volts **Black = Ground** and **Blue = signal.**

The sensor supplied by E-Props respects this pinout at the sensor level, please connect the 3 colors to their respective locations!

If using a different sensor or one already integrated in your aircraft, please refer to the pinout provided by the sensor manufacturer.

Note 6 : AirSpeed is the input terminal to connect an Eprops air speed sensor.