

Important: This connection schematics and the associated configuration form are just suggestions based on the data available to us. Your sensors may be different and they may require different schematics and form. Please refer to the Daqu manual for more details.

Important: Pins labeled as +5V, +12V and GND are OUTPUT pins only. Never connect any power source or GND to them. Doing so may permanently damage Daqu! Connecting any power source to GND will destroy Daqu!

Use a separate thick wire for connecting engine block and ground splitter.
Do not connect ground splitter to any other ground inside aeroplane!

Thermocouple color codes

Type		ISO, EU	US
J	+	black	white
	-	white	red
K	+	green	yellow
	-	white	red

Other color codes also exist. Always check probe documentation for correct connection.

Non-Isolated

ENGINE BLOCK

Isolated

Thermocouple J Type CHT₁
Thermocouple J Type CHT₂
Thermocouple J Type CHT₃
Thermocouple J Type CHT₄
Thermocouple J Type CHT₅
Thermocouple J Type CHT₆

Note: Your sensors may be non-isolated. Please check.

Thermocouple K Type EGT₁
Thermocouple K Type EGT₂
Thermocouple K Type EGT₃
Thermocouple K Type EGT₄
Thermocouple K Type EGT₅
Thermocouple K Type EGT₆

1+	CHT ₁	A ₁
2+	CHT ₂	A ₂
3+	CHT ₃	A ₃
4+	CHT ₄	A ₄
5+	CHT ₅	A ₅
6+	CHT ₆	A ₆
9+	AUX ₁	A ₅
10+	AUX ₂	A ₆
11+	AUX ₂	A ₆
12+	AUX ₂	A ₆

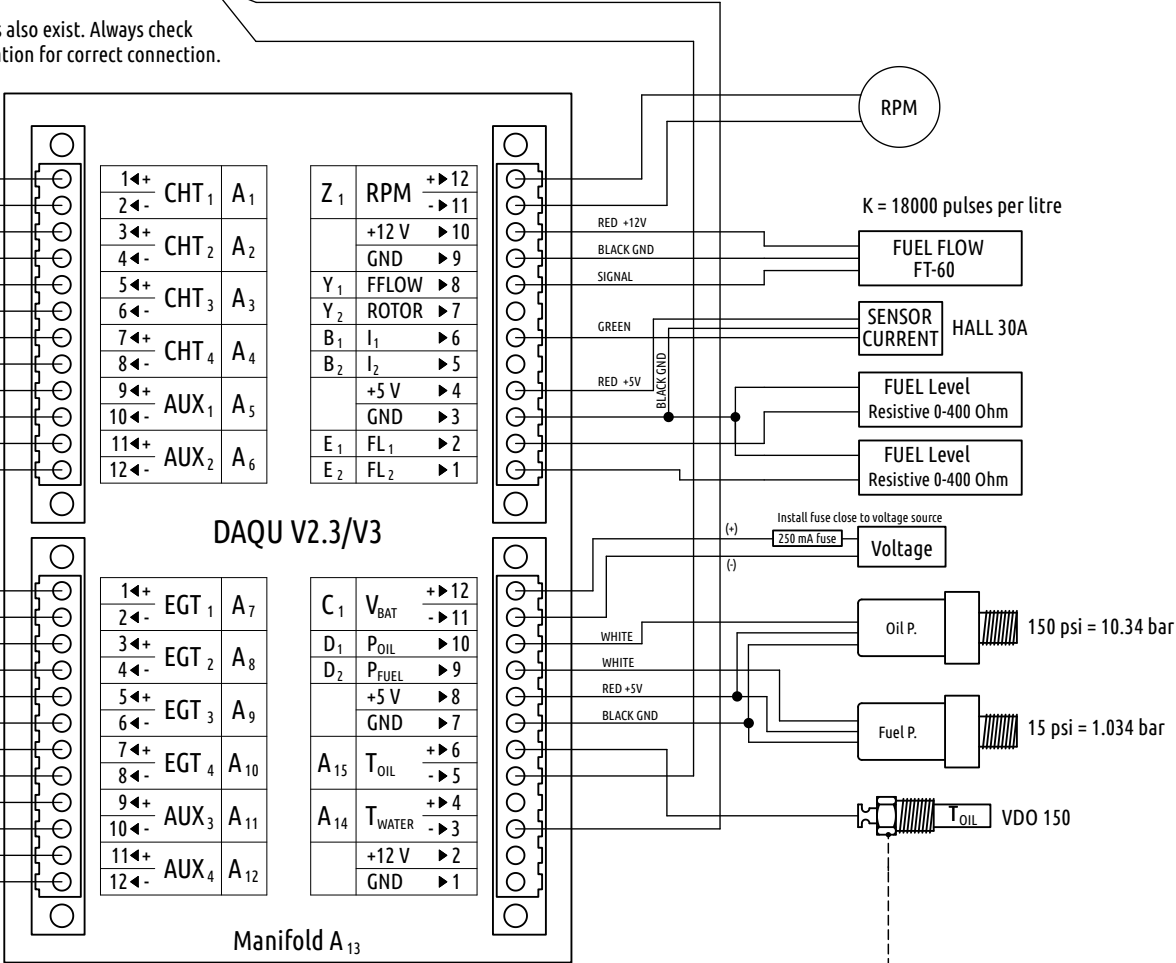
1+	EGT ₁	A ₇
2+	EGT ₂	A ₈
3+	EGT ₃	A ₉
4+	EGT ₄	A ₁₀
5+	EGT ₅	A ₁₀
6+	EGT ₆	A ₁₀
7+	EGT ₄	A ₁₀
8+	EGT ₄	A ₁₀
9+	AUX ₃	A ₁₁
10+	AUX ₃	A ₁₁
11+	AUX ₄	A ₁₂
12+	AUX ₄	A ₁₂

DAQU V2.3/V3

Manifold A₁₃

Z ₁	RPM	+12
		-11
	+12 V	10
	GND	9
Y ₁	FFLOW	8
Y ₂	ROTOR	7
B ₁	I ₁	6
B ₂	I ₂	5
	+5 V	4
	GND	3
E ₁	FL ₁	2
E ₂	FL ₂	1

C ₁	V _{BAT}	+12
		-11
D ₁	P _{OIL}	10
D ₂	P _{FUEL}	9
	+5 V	8
	GND	7
A ₁₅	T _{OIL}	+6
		-5
A ₁₄	T _{WATER}	+4
		-3
	+12 V	2
	GND	1



Dashed lines represents connections provided by the engine block.

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Title: Generic schematics for Jabiru