

The sensor connector is straight away compatible with pixhawk cube - telemetry1 and telemetry2 connectors.

In connector Red is GND and White is +5V which is causing confusion.

You can use it with any other serial port also with proper connections. Please check attached pictures for reference. If sensor is fluctuating after connection you might need to give external power supply.

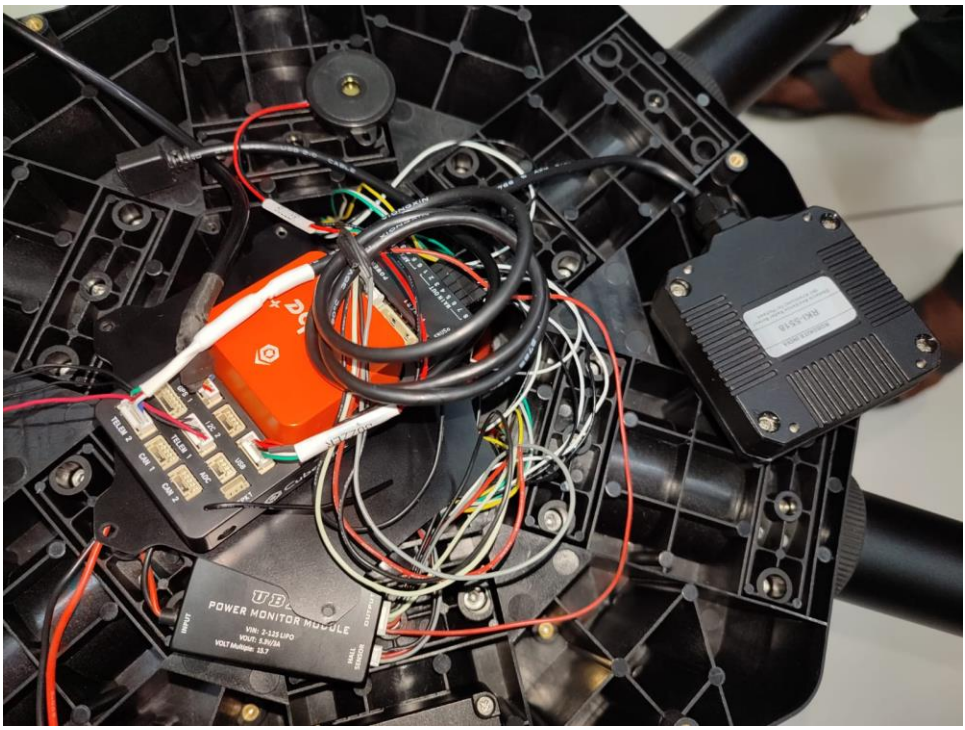
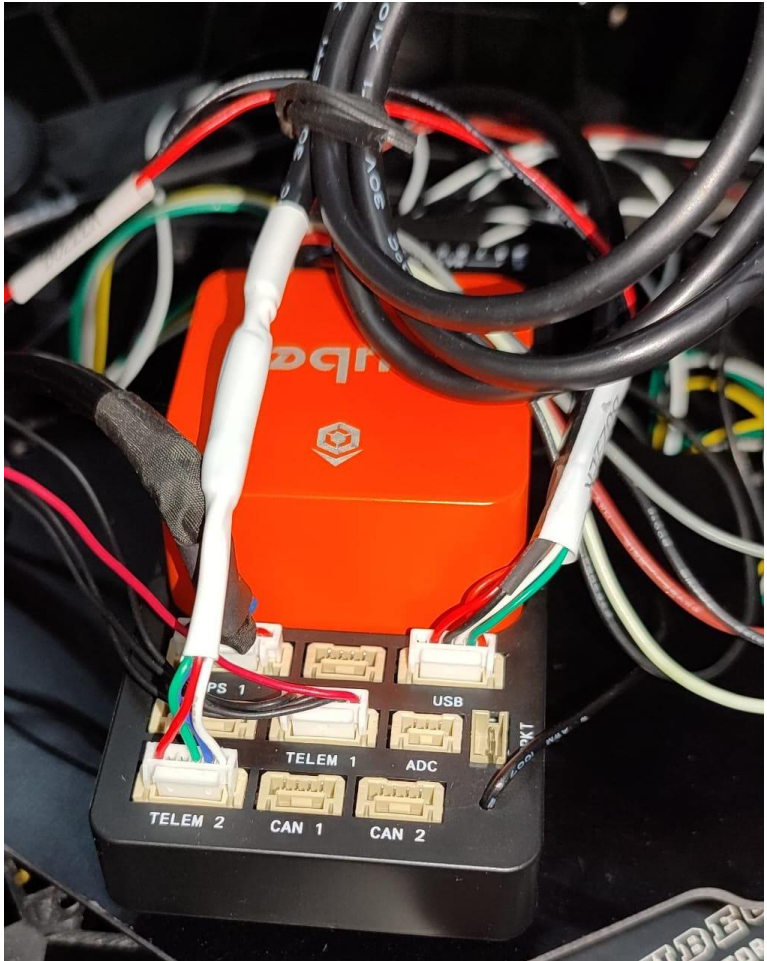
You need to configure few parameters, please see attached screenshot. Also please check connections of sensors installed on actual drone.

```
SERIAL2_BAUD      115
SERIAL2_OPTIONS   0
SERIAL2_PROTOCOL  9
```

Reboot after setting protocol if rangefinder options are not visible.

```
RNGFND1_ADDR      0
RNGFND1_FUNCTION  0
RNGFND1_GNDCLEAR  10
RNGFND1_MAX_CM    700
RNGFND1_MIN_CM    20
RNGFND1_OFFSET    0
RNGFND1_ORIENT    0
RNGFND1_PIN       -1
RNGFND1_POS_X     0
RNGFND1_POS_Y     0
RNGFND1_POS_Z     0
RNGFND1_PWRRNG    0
RNGFND1_RMETRIC   1
RNGFND1_SCALING   3
RNGFND1_STOP_PIN  -1
RNGFND1_TYPE      11
```

Reboot FC after setting this.



press_abs2	996.67	target
press_temp	4747	target
press_temp2	4725	target
QNH	5469.57	Target
radius	0	ter_alt
<u>rangefinder1</u>	<u>369</u>	ter_cu
rangefinder2	0	ter_lo
rangefinder3	0	ter_pe

press_temp2	4756	ta
QNH	5469.21	T
radius	0	te
<u>rangefinder1</u>	<u>281</u>	te
rangefinder2	0	te
rangefinder3	0	te
rateattitude	4	te
rateposition	2	te
rate...	2	ti