

Case 1

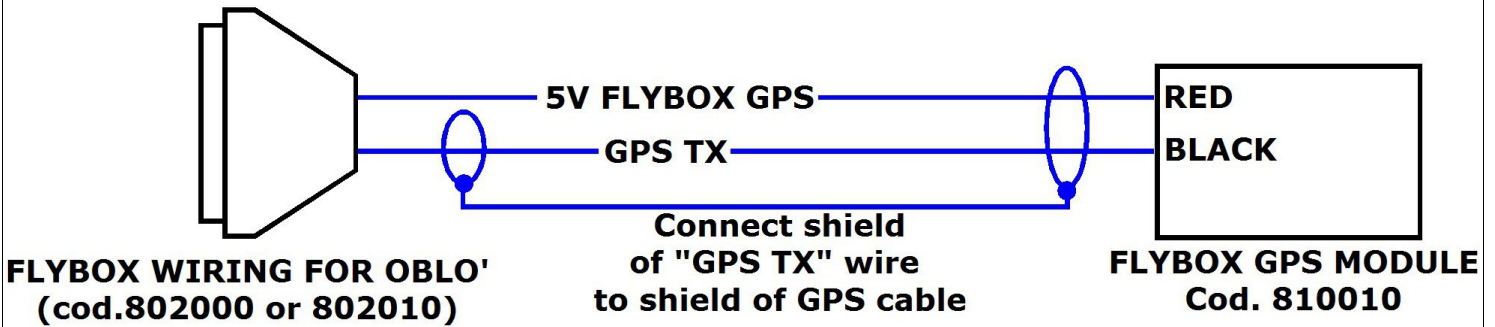
Follow this schematic if you have the ready to use Flybox® wirings for Oblò (cod.802000 or 802010)

The Flybox® GPS has one shielded wire with two poles:

RED WIRE: +5V positive supply (connect to wire "5V Flybox GPS" of Flybox® wiring)

BLACK WIRE: GPS TX signal (connect to wire "GPS TX" of Flybox® wiring)

SHIELD: Ground shield (connect to shield of wire "GPS TX")



Case 2

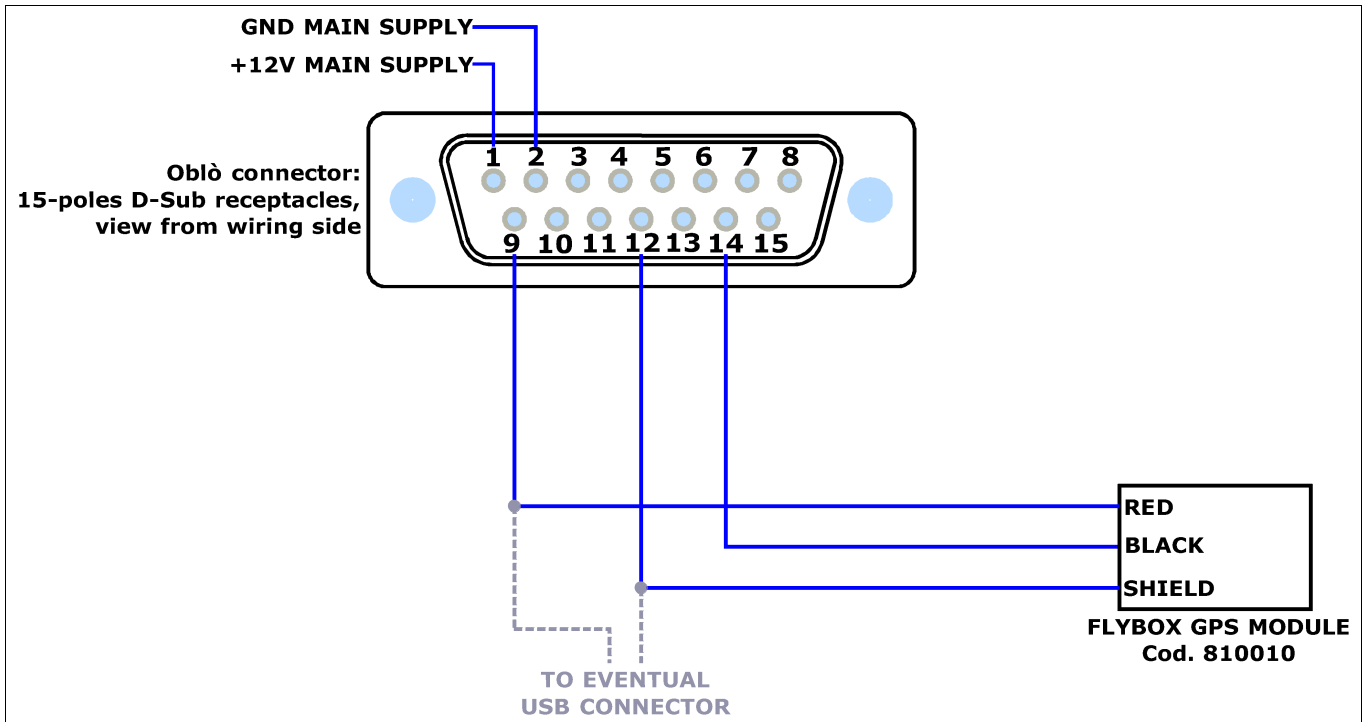
Follow this schematic if you made by yourself the wirings

The Flybox® GPS has one shielded wire with two poles:

RED WIRE: +5V positive supply (connect to pin #9 of Oblò connector)

BLACK WIRE: GPS TX signal (connect to pin#14 of Oblò connector)

SHIELD: Ground shield (connect to pin#12 of Oblò connector)



NOTE: Power supply of the GPS share the same wires of the eventual USB connector (pin #9 and pin#12 of the Oblò connector).

Technical specifications

<i>Power supply</i>	4.5 ~ 6.5 VDC
<i>Power consumption</i>	44 mA
<i>Humidity range</i>	5 ~ 95 % non condensing
<i>Operation temperature</i>	-40 ~ +85 °C
<i>Dimensions</i>	35 x 58 x 16 mm
<i>Cable length</i>	2 m
<i>Receiver characteristics</i>	SiRF Star III 20-Channel
<i>Signal out</i>	RS232 electrical level, 4800bps
<i>Output messages</i>	NMEA0183 GGA, GSA, RMC

• Electrical connections

<i>RED wire</i>	<i>Positive supply +5V</i>
<i>BLACK wire</i>	<i>Signal out</i>
<i>Copper shield</i>	<i>Ground GND supply</i>

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