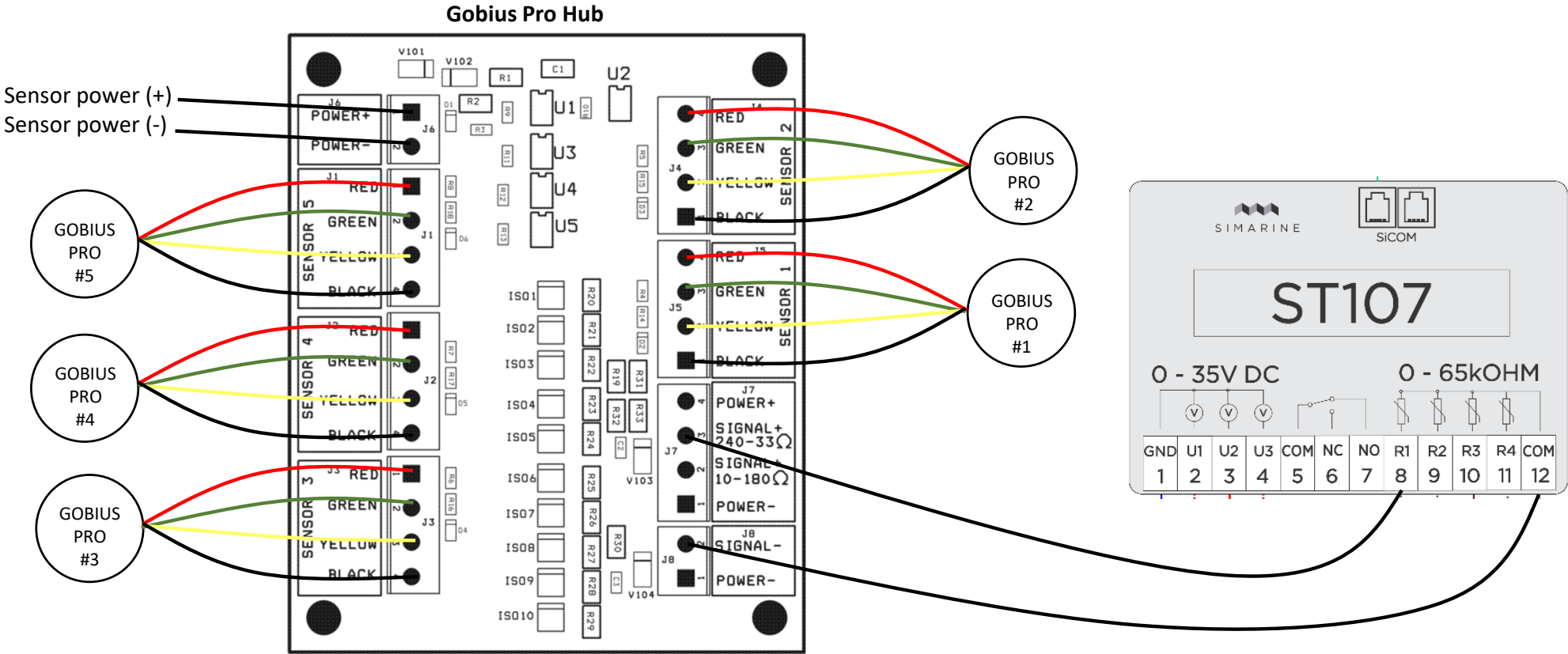


This document shows how one to five sensors can be connected to ST107 Tank Module and PICO from Simarine

- The connection is performed via the Gobius Pro Hub.
 - The Hub provides galvanic isolation between the sensors and the ST107. This means that the sensors and the ST107 can be powered from different sources if desired.
 - The Gobius Pro Hub and Gobius Pro sensors can be powered with a DC voltage of 12-24 V. (Maximum is 28.0 V DC)
1. Sensor 5 is the topmost sensor on the tank.
 2. For 10-180 Ω , the sensors shall be programmed to activate output #1 when the fluid level is below the sensor. An empty tank corresponds to 10 Ω and a full tank corresponds to 180 Ω .
 3. For 240-33 Ω , the sensors shall be programmed to activate output #1 when the fluid level is above the sensor. An empty tank corresponds to 240 Ω and a full tank corresponds to 33 Ω .
 4. This document does not include how to setup the ST107 Digital Module. Please read more at www.simarine.net and www.gobiuspro.com, Documentation.



Illustration, five sensors via the Hub to ST107, Simarine



Note: The connections show a 240-33 Ohms sensor connected to SIMARINE ST107 input R1