Gobius® C
'C' the Exact Tank Level

Connection of Gobius C to an analog gauge and alarm level indicators

Gobius® C

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- This guide is applicable for the Analog outputs and Basic versions of Gobius C, except for NMEA 2000 version)
- The guide describes how to connect the sensor to an analog gauge and two indicator lamps and how to do the setup in the app
- The gauge in this example is a standard KUS gauge for 0-190 Ohms or 240 to 33 Ohms.
- The power supply voltage in the example is 12 V DC. The system can be powered by 24 V DC but the gauge connections must be altered according to the gauge vendor instructions and the indicator lamps must be changed to 24 V type.

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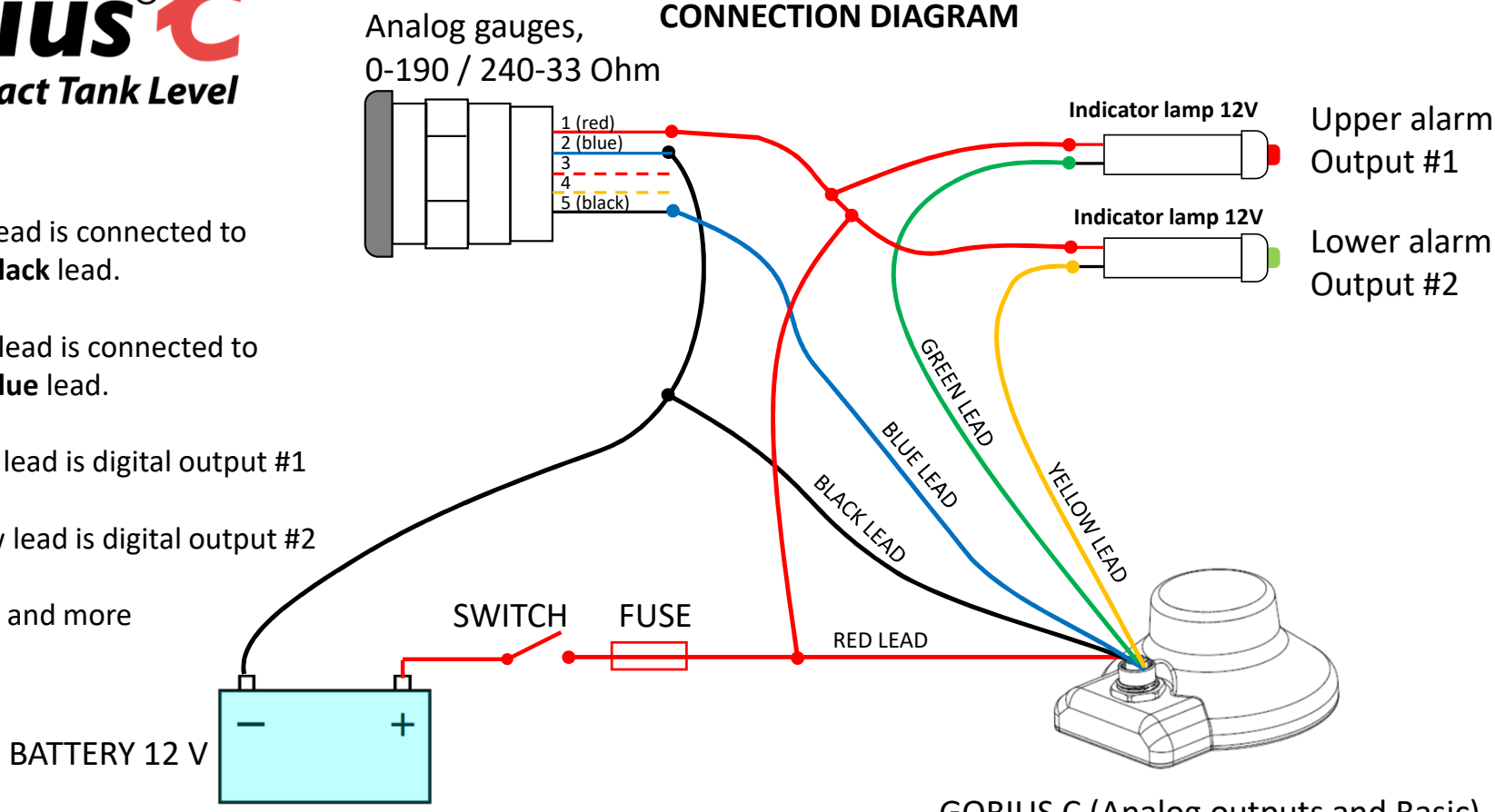
Notes:

- Gobius C **blue** lead is connected to Analog gauge **black** lead.
- Gobius C **black** lead is connected to Analog gauge **blue** lead.
- Gobius C green lead is digital output #1
- Gobius C yellow lead is digital output #2
- For KUS, Wema and more

CONNECTION DIAGRAM



GOBIUS C (Analog outputs and Basic)

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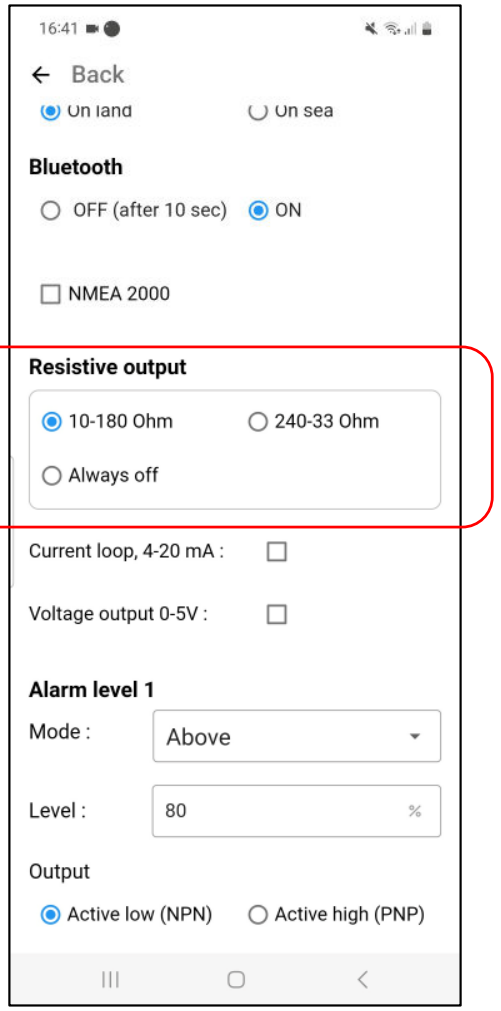
The following setup shall be done in the mobile app:

Select the resistive output mode:

- Select ”10-180” Ohm for a ”0-190 Ohm” gauge
- Select ”240-33” Ohm for a ”240-33 Ohm” gauge



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- Set Alarm level 1:

In this example, output #1 is set up to activate the upper alarm indicator lamp when the fluid level is **above** 80% of tank full level.

Output is set to ”Active low” as the indicator lamp (LED) is connected between +12 V and sensor output.

- Set Alarm level 2:

In this example, output #2 is set up to activate the lower alarm indicator lamp when the fluid level is **below** 20% of tank full level.

Output is set to ”Active low” as the indicator lamp (LED) is connected between +12 V and sensor output.

- Push ”Save” to store the setup in the sensor.