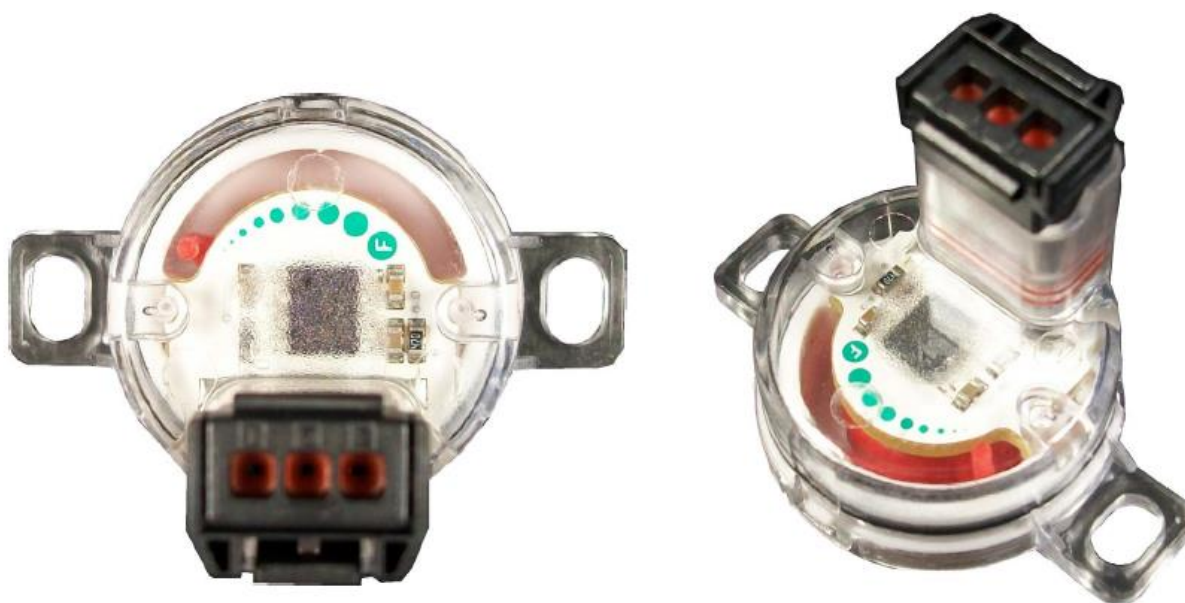


TECHNICAL INFO Nr. 71

October 24 2016

Bulletin of technical information reserved for Installers and Retailers Landi Renzo

Subject: New LPG Level Sensor



We introducing a new Cartesio LPG Level Sensor

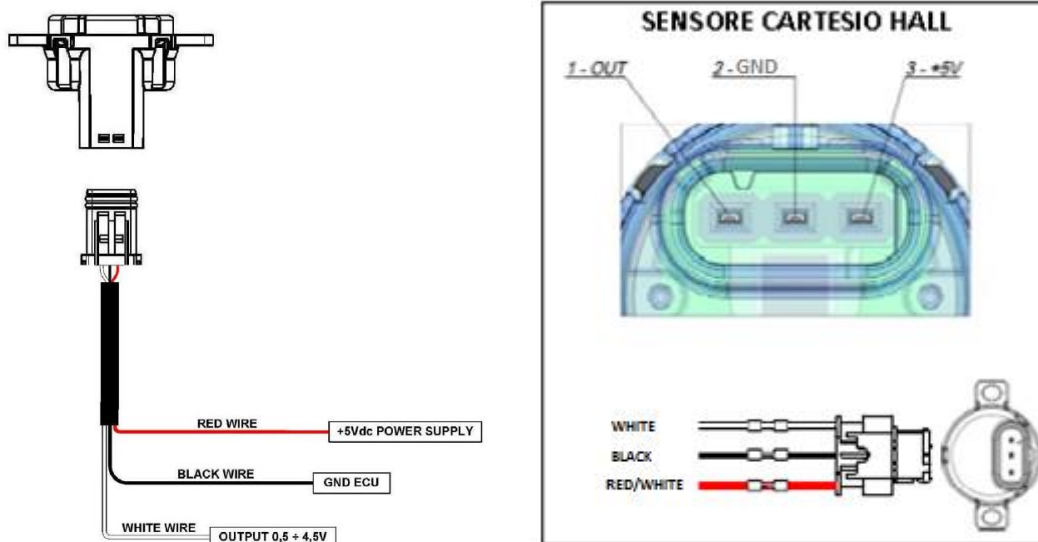
TECHNICAL DATA:

- Nominal Supply Voltage +5 Vdc ($\pm 0.5V$)
- Linear Output Voltage 0.5– 4.5V ratiometric
- Patent Design
- Contact less – Long life cycles
- Angular accuracy $\pm 1^\circ$ deg @25°C
- Low consumption current, max 12mA
- Programmable Angular Range : from 0 to 148° degrees
- IP code : IP68
- Reverse Voltage Protection Max -10V, Overvoltage +20V
- Short circuit output protection
- Operating Temperature - 40°C + 125°C
- Approval R10-03

Connections:

The sensor is equipped with a 3-pin connector

- White wire to be connected to the white wire from the dedicated branch of the gas control unit wiring
- Black wire to be connected to the Black wire from the dedicated branch of the gas control unit wiring
- Red wire to be connected to the red / white wire coming from the dedicated branch of the gas control unit wiring



Then the software will only need to select the correct level sensor:



Exclusively on Omegas 194 units (616,448,000) and Omegas 198 (616 469 000) you must select "NON STANDARD" as a sensor and manually enter values as below:

A screenshot of the software interface for setting non-standard level references. The title is 'Type of GAS level sensor' and the dropdown menu is set to 'Non standard'. Below this, the section 'Non-standard level references' contains several input fields and buttons. The 'Reserve' field is set to 61, the '1/4' field is set to 99, the '2/4' field is set to 137, and the '3/4' field is set to 175. There is an 'Accept' button. At the bottom, there are buttons for 'Set min level' (set to 0), 'Set max level' (set to 0), and 'Find levels'.