



OCIO Automatic Tank Gauge

Continuous tank level monitoring

The OCIO is PIUSI's continuous tank level monitoring system that detects the static pressure generated by the fluid height through a tube inserted into the tank, displaying the fluid level or volume in real time. Suitable for any type of fluid stored in tanks up to 4 metres deep, the OCIO provides accurate, continuous indication of the fluid quantity inside the tank. It is easy to calibrate and features two adjustable alarms for high and low levels, ensuring reliable monitoring and control of tank contents.

The system consists of:

- ▶ A tube for detecting static pressure: The tube end is inserted from the top of the tank and lowered down into the liquid until it touches the bottom.
- ▶ A control unit for displaying the level and managing the system. The unit is equipped with an intuitive, complete software and permits the connection of two alarm or lock devices.

The software is used for:

- ▶ Set tank type and dimensions
- ▶ Define alarm levels
- ▶ Define indication level
- ▶ Define measurement unit
- ▶ Calibrate the instrument

Depending on the set alarm levels, the control unit activates or deactivates the contact by acting as a remote switch for starting the alarms or cutting power to the connected equipment.

Maximum measurable height: 4m.

Probe tube length: 10m.

Accuracy 1% full-scale.

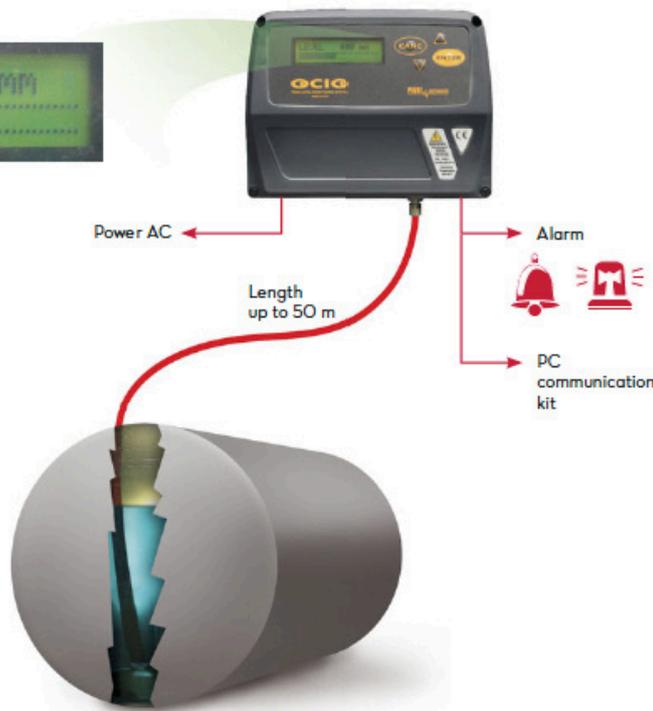
Fuel level
10mm
Measured
resolution



Fuel volume
20 litres
Calculated
resolution



Fuel %
1%
Calculated
resolution



In The Box

- ▶ Ocio unit
- ▶ Probe
- ▶ 10m Tube
- ▶ Instruction manual

Materials

- ▶ Probe: Brass
- ▶ Tube: Rilsan (Polyamide)

Product Specifications

Code	Weight		Packaging		
	kg	lbs	Size (mm)	inch	pcs/box
F0075510D	2.2	4.8	300x410x100	11.8x16.1x3.9	1
F0075511D	2.2	4.8	300x410x100	11.8x16.1x3.9	1
F00755140	2.2	4.8	300x410x100	11.8x16.1x3.9	1
F00755160	2.2	4.8	300x410x100	11.8x16.1x3.9	1

Technical Data

Code	Description	Fluid type*	Viscosity cSt	Voltage		RS Exit
				AC V./Hz	Power Watt	
F0075510D	Level indicator OCIO LV / RS output	A, B, D, O, W	Up to 30	230/50	20	available
F0075511D	Level indicator OCIO LV / RS output 120 V	A, B, D, O, W	Up to 30	120/60	20	available
F00755140	OCIO Urea	U	Urea	230/50	20	available
F00755160	Level indicator OCIO LV / 4/20 mA output	A, B, D, O, W	Up to 30	230/50	20	-

* A=Antifreeze, B=Biodiesel, D=Diesel, K=Kerosene, O=Oil, W=Windscreen

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