

Ocio

Tank level indicator



OCIO is an innovative system for monitoring the fluid level atmospheric tanks.

The system detects the static pressure generated by the fluid height by means of a tube inserted in the tank and displays the fluid level or volume.

The system is composed of:

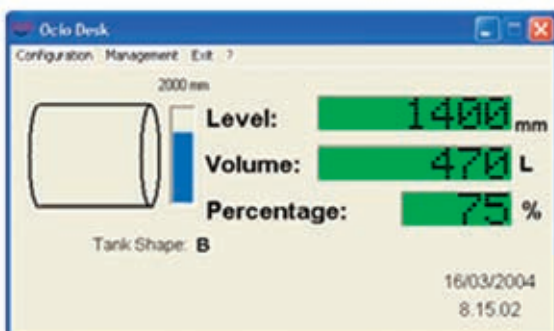
A pipe for detecting the static pressure. The tube with its end is inserted from the top of the tank and dipped in the fluid down to the bottom of the tank.

A control unit for level display and system management. From the control unit is possible: set the type and the dimension of the tank, define two level alarms, define the level indicator, define the unit of measurement, calibrate the instrument.

Depending on the set alarm levels, the control unit activates or disactivates the contact working as a remote switch starting the alarm devices or cutting the power supply off the connected equipment.

It is also available direct connection to PC for remote management level in the tank through a dedicated software.

A new interface lets you connect up to 12 OCIO level gauges and send data by PC cable for a distance of up to 1000 meters.



Technical data

Supply voltage 230 V (AC)/ 50 Hz

Protection IP 55

Full scale 4 Mt

Accuracy ± 1 %

Contact for maximum and minimum level

Max tension 250Vac at 5 Amp (or 30Vdc at 5 Amp)

Pipe tube length 10 m (extensible up to 50 m)

Level indication: height (mm, inch), volum (litres, gallons), filling percentage (%)

RS output for PC connection available.

Code OCIO - rs

OCIO - Terminal level indicator.

Code OCIO DESK 1

PC interface with software for 1 tank

Code OCIO DESK 4

PC interface with software for 4 tanks

Code OCIO DESK 8

PC interface with software for 8 tanks

Code OCIO DESK 12

PC interface with software for 12 tanks