

Continuous Monitoring System for Liquids

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

The system continuously 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 tube for detecting the static pressure. The tube with a ballast weight is inserted from the top of the tank and fixed with the tube end at the lowest measuring point.
- A control unit for level display and system management. The unit is provided with intuitive set-up software and allows the connection of two alarm or control devices.

By means of the software it is possible to:

- set the type and the dimensions of the tank
- define the level alarms
- define the level indication
- define the unit of measurement
- calibrate the instrument

Depending on the set alarm levels, the control unit activates or deactivates the level relay contacts to remote alarm devices.

Technical Information

Supply voltage 240 V / 50 Hz standard

Protection IP55

Full scale 4m

Accuracy +/- 2 % full scale

Contact for maximum and minimum level

Max load 250 Vac at 5 A (30 Vdc at 5 A)

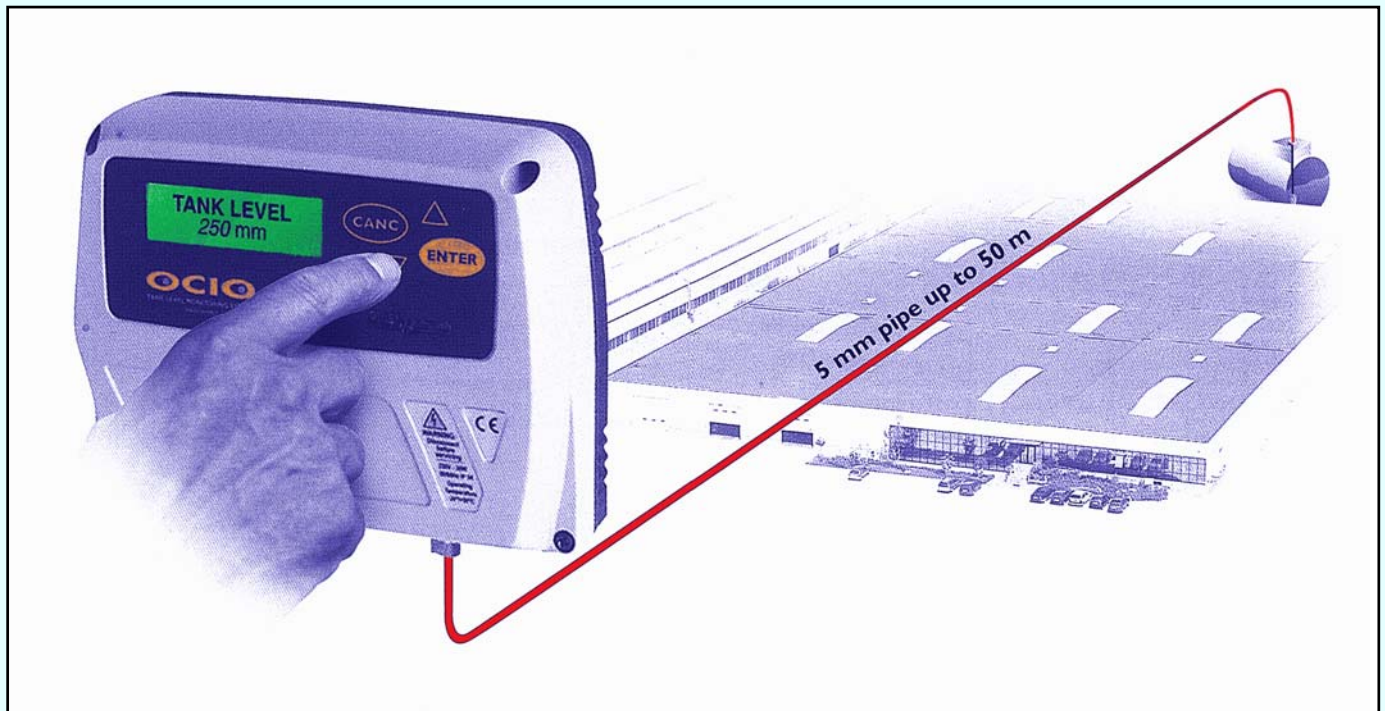
Probe tube length 10m (extendable up to 50 m)

Level indication

- Height (mm, inch)
- Volume (litres, gallons)
- Percentage (%)

Main Advantages

- Continuous metering
- Indication in height, volume, and percentage
- Maximum and minimum level alarms
- High Accuracy
- Intuitive software management
- Easy Installation



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