

Dissolved oxygen measurement

Transmitter

The modular design of the Liquisys M COM223/253 Dissolved Oxygen Measurement Transmitter allows easy adaption to a variety of customer requirements.

Starting with the basic version for "measurement and alarm generation", the transmitter can be equipped with additional software and hardware modules for special applications.

Key features:

- field or panel-mounted housing
- suitable for analogue & digital sensors
- simple handling with a logically arranged menu structure and simple single-point calibration in air, air-saturated water or in the medium
- additional contacts for use as:
 - limit contacts (also temperature)
 - P(ID) controller
 - timer for simple rinse processes
 - cleaning with Chemoclean
- process monitoring & sensor live check
- HART® or PROFIBUS-PA/-DP

Dissolved Oxygen Transmitters, Sensors and Immersion Assembly



Sensor

The Oxymax W COS61 Optical Sensor provides continuous measurement of the concentration of dissolved oxygen in many areas of water management:

- Sewage treatment: regulation in the activated sludge basin for a highly efficient biological cleaning process
- Water monitoring: in rivers, lakes or seas as a water quality indicator
- Water treatment: for status monitoring of drinking water

Key features:

- digital signal processing:
 - calibration data saved in sensor
 - high degree of EMC protection
- measuring range 0 to 20 mg/l
- extended maintenance intervals and long-term stability
- intelligent self-monitoring guarantees reliable measured values
- no flow needed - measurement possible in still water



DO Immersion Assembly

Immersion Assembly

The CYA611 Dipfit immersion assembly is designed for use in open basins and channels.

The assembly ensures that the sensor is protected and only the sensing parts are in contact with the medium.

With a length of 1630mm, various mounting options are possible.

More information on DO?

Circle Enquiry No:
Liquisys M COM: 913
Oxymax Sensor: 914
Immersion Assembly: 915
Contact: Mark Armstrong

Hydrostatic Level Measurement

Waterpilot rope probes are compact devices suitable for level measurement in fresh water, wastewater and saltwater. The small diameter of Waterpilot enables application in deep wells and bores. They feature highly accurate and long-term stable ceramic pressure sensors for reliable and safe measurement.

Waterpilot features substantial mechanical and electrical stability with guaranteed absolute tightness and resistance to climatic conditions. Its small diameter, integrated temperature sensor and drinking water certification makes the FMX167 ideal for applications in fresh and drinking water.

The flush mounted ceramic sensor version ensures safe operation in sludge applications.



More Level Measurement Applications



Prosonic Ultrasonic System on WTP Sodium Hypochlorite Tanks



Commissioning of Micropilot Radar and Prosonic Ultrasonic Systems on WWTP Lime Batching Tank

More information on Level?

Circle Enquiry No:
Hydrostatic: 916
Ultrasonic: 917
Levelflex Guided Radar: 918
Micropilot Radar: 919
Contact: Howard Berry



EMC INDUSTRIAL GROUP LTD

56 Tarnsdale Grove, Albany
PO Box 101 444, NSMC
Auckland 1333
New Zealand

Phone 09-415 5110
Fax 09-415 5115
Email sales@emc.co.nz
Web www.emc.co.nz

