

Section 22

Level

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EMEC Level Lances

Standard Features:

- Tank Top Mounting
- Suitable for Aggressive Chemicals
- 1, 2 or 3 Floats (Signal Switching Only)
- Designed for CNT Chemical Tanks or Similar
- 12 Month Warranty*



Models:

EMEC Level Lances		
Model	For Tank Model	Tank Height cm
LALIV40-1	CNT PD50	50
LALIV63-1	CNT PD110	73
LALIV75-1	CNT PD200	85
LALIV108-1	CNT PD500	120
LALIV122-1	CNT PD1000	124

Applications:

For the detection of liquid level or volume in chemical tanks.
Stop, start or alarm limits.

Options:

Available with 2 or 3 floats on request.
Custom sizes up to 2m available.
Specify distance between floats when ordering.



* Please refer to 'Aqua Products Limited' terms and conditions of sale for complete warranty conditions.

Submersible Level Transducers

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Standard Features:

- Provides a 4-20mA Signal Proportional to Liquid Depth
- Easy Installation
- 2 Wire Connection
- 24VDC
- 304SS Sensor
- 316SS Diaphragm
- 12 Month Warranty*



Models:

Model	Measurement Range metre	Cable Length metre	Connection	Output
CXPTB-1	0 - 1	2	2 wire	4-20mA
CXPTB-2	0 - 2	3	2 wire	4-20mA
CXPTB-5	0 - 5	10	2 wire	4-20mA
CXPTB-10	0 - 10	15	2 wire	4-20mA
CXPTB-JG-2 *	0 - 2	5	2 wire	4-20mA
CXPTB-JG-5 *	0 - 5	10	2 wire	4-20mA

Applications:

Water tanks, wells, lakes, rivers, sewage plants, ground water monitoring.

* for waste water.

Options:

5VDC version, 1-5V output.
Hart protocol.
Measurement ranges up to 200m.
Longer cables on request.
Remote level display.

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Industrial Ultrasonic Level Detectors

Standard Features:

- Non Contact Tank Depth Measurement
- Industrial Cast Aluminium Housing
- LCD Display
- Accuracy $\pm 0.3\%$ of Full Scale
- Dead Band 0.3m
- 24VDC 1.5W
- Output 4-20mA
- Automatic Temperature Compensation
- Programmable Range Setting
- Level of Protection IP65
- 12 Month Warranty*



Models:

Model	Measurement Range metre	Mounting Thread inch	Connection	Output
CXULM GA-2	0 - 2	1-1/2	3 wire	4-20mA
CXULM GA-5	0 - 5	1-1/2	3 wire	4-20mA

Applications:

Water storage tanks, wastewater tanks, sedimentation ponds, environmental monitoring, clarifiers, sludge thickening.

Options:

Measurement ranges also available in 8, 10, 15, 20 or 25m.
LED display.
Explosion proof version.
Corrosion resistant version.
2 wire version.
RS485 (MODBUS) version.
Relay outputs.

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Ultrasonic Level Detectors

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Standard Features:

- Non-Contact Tank Depth Measurement
- Programmable
- 24VDC, 1.5W
- Accurate within 1%±
- IP67
- 12 Month Warranty*



PTFE end with viton seal
for corrosive liquids

Models:

Model	Measurement Range mm	Diameter Sensor mm	Sensor End	Output
PICO+100/TF	120 - 1300	22	PTFE	4-20mA

Applications:

Chemical tank level and chemical consumption monitoring.

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Float Switches

Standard Features:

- Polypropylene Body, Rubber Cable
- Operating Temperature 0 - 40°C
- Level of Protection IP68
- 1 Bar
- N/O & N/C
- 20 (8)A, 250VAC
- TUV, CE Approvals
- 12 Month Warranty*



Models:

Compact General Purpose Float Switch

Model	Cable Length mtr	Dimensions mm	Buoyancy ml
Olympic3D	3	74 x 124 x 38	200
Olympic5D	5	74 x 124 x 38	200
Olympic10D	10	74 x 124 x 38	200

Applications:

Switching pumps, for filling or emptying, alarms or control.



Models:

Heavy Duty BMS Float Switch

Model	Cable Length metre	Dimensions mm	Buoyancy ml
A5050160	10	156 x 113 x 61	560

Applications:

Suitable for dirty water applications, e.g. chambers with sludge and scum.

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Float Weights

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Standard Features:

- Counterweight for Correct Float Operation
- Built-in Reusable Cable Lock
- 12 Month Warranty*



Models:

Model	Description
A5018060	Small weight, to suit Olympic floats
A5018040	Large weight, to suit BMS floats

Option:

Model	Description
Fixing Kit	Fixing kit for floats

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