Becatron AG

Level Sensors

● System

- universal using
- high level measurement of chemical products, water, wastewater and much more
- 1 x analogue 0/4 … 20mA
- very easy installation
- for plastic and metal tank

● LiquiLight

The principle of capacitive level measurement is based on the capacitance change of a capacitor. The probe and the refence stick form a capacitor whose capacitance is dependent on the amount of product in the tank: An empty tank has a lower, a filled tank a higher capacitance.

● LiquiHydro

In hydrostatic level measurement, the measuring cell of the pressure transmitter detects even the slightest changes in hydrostatic pressure, which increases or decreases depending on the filling level. Level measurement with hydrostatics is totally unaffected by foaming or vessel installations.

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TECHNICAL INFORMATION

LiquiLight

Art.-no.: LL-XXXX-XX

Case: 96 x 62 x 34 mm (w x h x d)

Display: Seven segment display (red)

Output: 0/4...20 mA

Power supply: 24V DC approx. 60mA

Adjustable: using a impulse-switch > level min. and max. / and full level height

Max. temperature: 140°C

Working pressure: 4.5 bar

Protection sort: IP65

Fitting position: Vertical

Process connection: 1" threading (PVDF

Probe material: E-CTFE (HALAR®) coated

LiquiHydro

Art.-no.: LH-XXXX-X

Case: 96 x 62 x 34 mm (w x h x d)

Display: Seven segment display (red)

Output: 0/4...20 mA

Power supply: 24V DC approx. 60mA

Adjustable: using a impulse-switch > level min and full level height

Max. temperature: 80°C

Protection sort: IP65

Fitting position: Vertical

Process connection: 1/2" threading (PVDF

Probe material: Stainless steel or elastic Teflon tube

Interface: WIFI for connection to DataLOG system

Level Sensors

LiquiLight
LiquiHydro

Industrial liquid measurement system

Becatron Sensors

Sensors represent another branch of Becatron's wide range of products. In the past years, both LiquiLight and LuqiHydro enjoyed extreme popularity in the textile sector compared to other sensors as taking continuous measures without mechanical components gets rid of problems such as jamming and stoppages.

MODULES & ACCESSORIES

LL -	XXXX -	XX

Measruement length in mm	Mounting length in mm	SYMBOL	Description
0500	550	00	No Pressure check / no Display
0600	650	0P	No Pressure check / with Display
0800	850	P0	Pressure check / no Display
1000	1050	PD	Pressure check / with Display
1250	1300		
1500	1550		
....	Special length		

LH -	XXXX -	X

Measruement length in mm	Mounting length in mm	SYMBOL	Description
TUBE		0	Sensor with tube (not included) / no Display
TUBE		D	Sensor with tube (not included) / with Display
0500	550	0	Sensor with stainless steel stick / no Display
1000	1050	D	Sensor with stainless steel stick / with Display
1500	1550		
2000	2050		
....	Special length		