MCP-300 Extended compact sensor for point level detection in liquids

The MCP-300 is a mini capacitance probe with a stainless-steel tube customized in lengths from 2.5” to 9.8” is used for point level detection in water-based liquids. It is offered with FDA approvals for hygienic conditions, used in ordinary inventory and process control applications, or to detect flooding in a pump room.

So easy to install

Installs simply using a ½” NPT, ¾” NPT, or 1” NPT stainless steel fitting. Connect to power using an M12 connector. Once connected, an IO-Link sends digital data to a PLC, control room, or HMI.

Wireless setup via Bluetooth

Set up the sensor, vessel dimensions, and adjust parameters using a free Bluetooth app from the Apple App Store or Google Play. You can also use a Bluetooth USB adapter connected to a PC.

Prevent overfills and dry runs

The MCP-300 can be extended to the ideal length needed for the application. It can alert before material levels are too high or too low. As a process control it can ensure production runs efficiently and there is adequate supply to prevent unnecessary downtime.

Request a quote today
(402) 434-9102

Learn more, visit us at BinMaster.com
**Dependable form and function**

When materials rises and covers the probe, the capacitance changes. It changes again when the probe is uncovered. The electronics relay data that a switch has occurred. It ignores buildup to prevent false alerts.

**Customizable LED Status Indicator**

Know the status of the vessel when the color changes on the sensor. You can see the bright light from a distance. No need to constantly check each vessel on the plant floor.

**Versatile liquid level detection**

- Protect pumps from water damage caused by leaks
- Maintain proper levels in hops and wort tanks at breweries
- Fermentation of dairy cultures for making yogurt, kefir, butter, or cheese
- Metering coagulants or enzymes added to milk when making foodstuffs

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