CleverLevel LBFS/LFFS switch

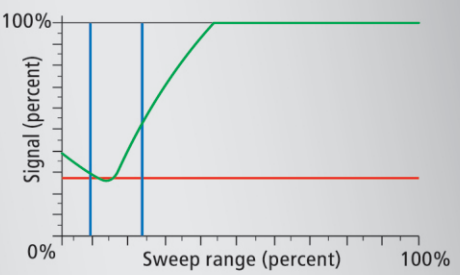
Another Baumer INNOVATION

One sensor for all applications.

Application example: Water is often used at dairies to separate two different products in the pipeline. PWM minimizes waste since the Dk value is measured constantly, thereby ensuring that only water-mixed product is directed to the waste water system and no good, undiluted product is wasted.

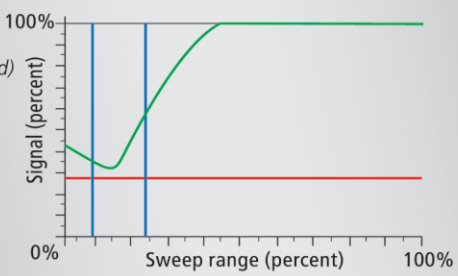
Distinguishing between two very similar media.

Example:
Media 1: Beer
(Status: Triggered)



Sometimes two media might have the same Dk value. So how can they be distinguished? Setting each of the two independent switching points doesn't help here (two blue lines).

Example:
Media 2: Water
(Status: Untriggered)



The *CleverLevel* LFFS switch is the solution: Thanks to its frequency sweep technology and its ability to analyze the strength of the signal, and the signal dumping which differs from media to media. The switch can be set to trigger only on the specific medium even if both media involved have the same Dk value.

This is unique in the sensor Industry.

Baumer
Passion for Sensors

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Watch entertaining video about *CleverLevel* at YouTube