

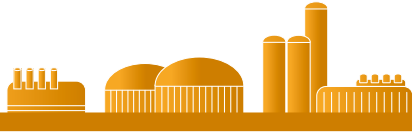


MORE PRECISE MEASURING WITH AWIFLOW

TOP MEASURING ACCURACY –
STABLE PROCESSES



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AWIFLOW

BIOGAS, MANURE GAS, LANDFILL GAS

intelligent, compact, robust

determination of water content, standard flow and energy flow (if applicable)

simple installation in pipe sizes (nominal widths) from DN 50 to DN 350

cleaning and replacement of the sensor without loss of gas

high resistance – even with humid gas containing hydrogen sulfide

increase of the measuring accuracy through calibration with real gas

compensation of fluctuating gas composition in conjunction with AwiFLEX & AwiECO

reasons for **AwiFLOW**:

- + balancing material and energy flows
- + standard flow determination by means of integrated moisture correction
- + possibility for documenting amount of gas produced
- + control of process stability
- + authorization ExZone 1
- + can be used anywhere thanks to low pressure loss, wide temperature range and high resistance

APPLICATION EXAMPLES

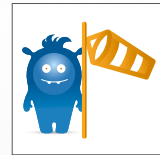
wet and dry fermentation

WWTP

biogas treatment plants

landfill

power-to-gas



REALLY CAUSTIC – SO WHAT?

High resistance of the sensor elements to acid minimizes corrosion.

THE MASS DOES IT!

No pressure dependence thanks to determining the mass of gas/gas mass flow.

NO PRESSURE? NO PROBLEM!

Precise measurement at gas velocities from 0.3 m/ with minimal pressure loss.

ALWAYS THE “RIGHT” GAS AT THE SENSOR

No matter which methane concentration prevails, **AwiFLOW** will adjust the calibration data.