MORE PRECISE MEASURING WITH AWIFLOW

TOP MEASURING ACCURACY – STABLE PROCESSES
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.