



Multivariable Transmitters

ABOUT

The Multivariable transmitter measures and calculates the mass flow as a function of differential pressure DP as well as absolute pressure and the temperature. Therefore it should be used whenever DP flow measurement needs a compensation of temperature and pressure. The main advantage is to have just one single device in the field instead of several transmitters and a mass flow calculator.

BENEFITS

- Compared to single sensors the 266 multivariable transmitter save 30%-40% of cost
- One 266 multivariable replace 3 separate transmitters
- Reduced costs for installation and maintenance
- Easy Set Up Function
- Increased plant availability
- Calculation of energy flow for steam and water
- Binary output for flow impulse/ frequency or status
- HART, FOUNDATION Fieldbus and MODBUS
- EN/IEC61508 certification for SIL2 (1001) and SIL3 (1002)

SPECIFICATIONS

- With its differential pressure measurement with high accuracy of 0.075% or also top accuracy 0.04%. An optional accuracy of 0.025% is available. Useable for applications with static pressures up to 41Mpa and is suitable for draft range applications.
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- The Multivariable model is covered by certification for intrinsically safe and/or flameproof applications, according to main international standards as ATEX, ICEC_x, FM, EAC and also SIL2/3 certified.

