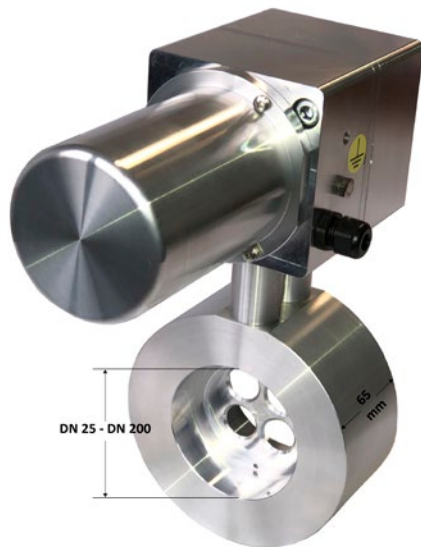



## Gas Flowmeter GD 300 Ex- Product News

### New Process Connection: Wafer Connection from DN 25 - DN 200



- Installation length of 65 mm  
- easy replacement of 99 % built-in flowmeters
- Simple and space-saving installation between ISO and ASME flange
- Oscillating measurement principle, without moving parts - no wear parts
- High accuracy ( $\pm 1,5$  % of true value)
- Measuring range of 1:100
-  II 1 / 2 G Ex ia / e mb IIC T4 Ga / Gb  
(certificate no. EX5 13 07 14689 003)

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The gas flowmeter GD 300 Ex is used to measure all technical and medical gases. It's a fluidistor oscillator which oscillation frequency is directly proportional to the velocity of the gas passing through the fluidistor.

The measuring principle requires no moving parts and therefore no wear parts and recalibration is required.

The GD 300 Ex is available with different **PROCESS CONNECTIONS**

- such as external pipe thread (GD 500 Ex) (DN 15 - DN 25)
- and the mostly used flange connection DN 40 - DN 400 (ISO and ASME).
- Coming soon the GD 300 Ex will be available with a **WAFER PROCESS CONNECTION**.

The **WAFER PROCESS CONNECTION** is the lightest body version for mounting between pipe flanges. The device is installed between the pipe flanges and tightened to its place with the bolts of the flanges.

The installation length of the gas flowmeter GD 300 Ex with the wafer process connection is 65 mm regardless of the nominal width (DN). Additionally the wafer process connection is independent of the used flange type.

Therefore a simple and space-saving installation between either ISO or ASME flanges can be realised.

