Project planning



SELECTION OF SUITABLE GAS FLOWMETER

GD 300 (Ex) Wafer - intermediate flange (nominal size DN 25 - DN 250)



GD 300 (Ex) flange (ISO or ASME) (nominal size DN 40 - DN 400)



GD 500 (Ex) external pipe thread (nomal size DN 15, DN 25)



DISPLAY, MEASURED VALUES, BUS SYSTEMS

Do you require a display for the measured values on site?

Do you need to connect temperature and / or pressure sensors?

Do you require standardized gas quantities?

Do you need to further process the measured values or pass them on via the bus system?

HB 300/ HB 300 Ex

with current and pulse output (NON ATEX and ATEX zone)

PLC CONTROL

- Transfer amount of gas in Bm³/h or
- Transfer amount of gas in Nm³/h with factory defined fixed values for pressure and temperature

ATEX zone:

HB 300 Ex-R000000

NON ATEX zone:

direct connection of platinum wire sensor

FLOW COMPUTER GDR 1501

Input



Input

Output

ADD. MEASURED VALUES

- Pressure transmitter
 via mA input
- Temperatur sensor via mA input or
- pt100 input
 (ATEX zone: additional
 Ex isolating amplifier
 required)

PLC CONTROL

- Transfer Bm³/h, I/h, Bm³/min, I/min or additionally
- Nm³/h, NL/h, Nm³/min, NL/min
- Counter output quantity (relay)
- Optional integrated bus system (Profibus DP, Profinet, MODBUS TCP, MODBUS RTU)