

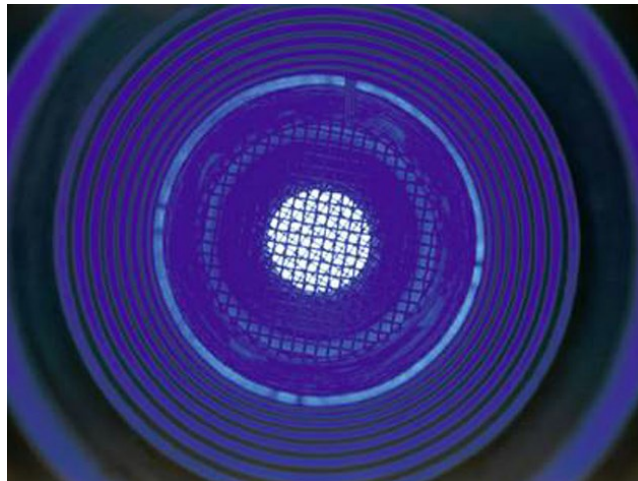
A066 - SUB-ATMOSPHERÄ

APPLICATION NOTE A066-GP99

SUB-ATMOSPHERIC

Bronkhorst offers digital MASS-STREAM D-6300 mass flow meters and integrated flow controllers for gases with flow rates from 0,2 up to 5000 l/min Air equivalent.

The CTA (Constant Temperature Anemometry) inline measurement principle incorporates effectively an open pipe allowing mass flow measurement and control also with pressure ratings below 1 bar(a).



Application requirements

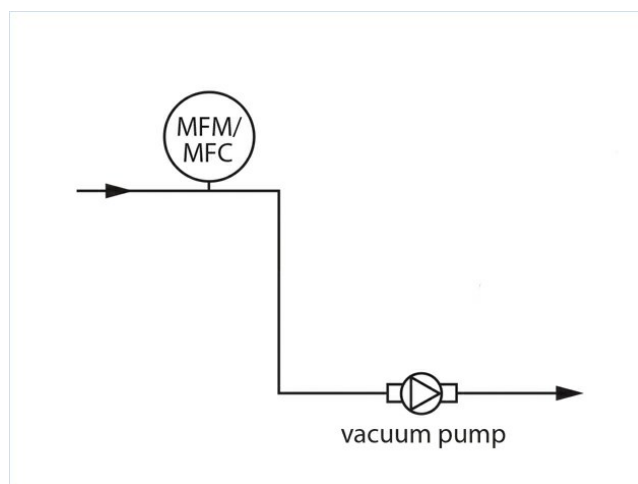
- $P_1 >$ approximately 300 mbar (a)
- Integrated valve control with optional valve function 'fails in place' in case of a power failure
- Gas flow suction through the instrument can be generated with a pump
- Process evaluation with a trial unit before final order placement

Industrial sectors

- Process
- Low pressure
- Vacuum
- Testing
- Research

Optional features

- Multi-functional displays
- Additional interface
- Up to 8 calibration curves in one instrument
- Degreased instruments for oxygen applications



Flow scheme

Recommended Products



MASS-STREAM D-6370 MFM

Min. Bereich 2...100 l_n/min
Max. Bereich 10...1000 l_n/min
Druckstufe bis zu 20 bar
Robuster Sensor, IP65 Gehäuse
Option: integriertes TFT-Display



MASS-STREAM D-6380 MFM

Min. Bereich 10...500 l_n/min
Max. Bereich 50...5000 l_n/min
Druckstufe bis zu 20 bar
Robuster Sensor, IP65 Gehäuse
Option: integriertes TFT-Display



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